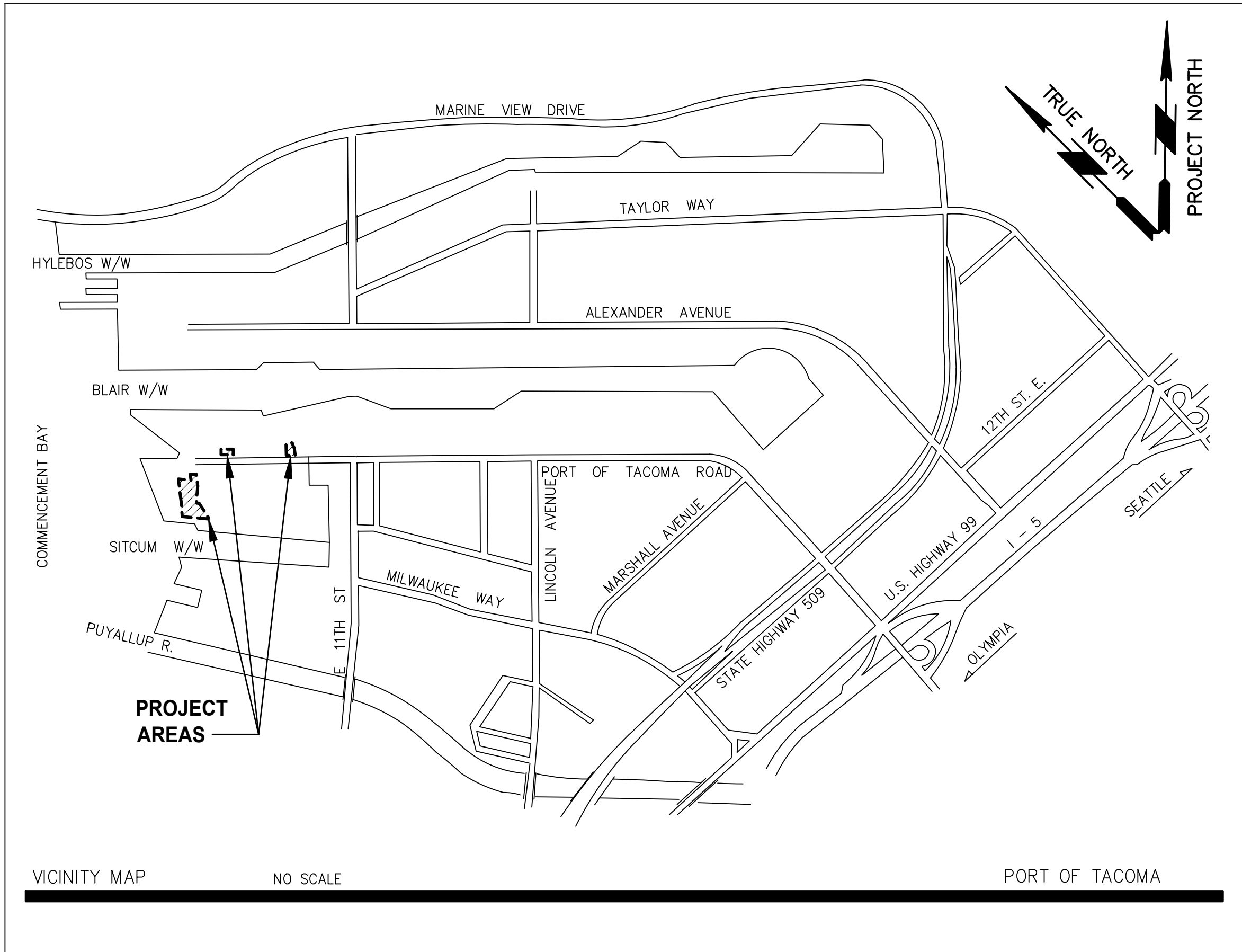


PORT OF TACOMA

EAST SITCUM TERMINAL STORMWATER IMPROVEMENTS & NIM STORMWATER TREATMENT SURVEY



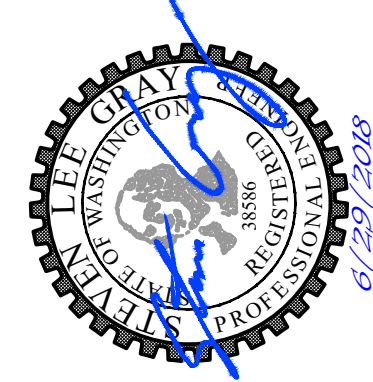
SHEET INDEX		
INDEX #	SHEET DESIGNATION	SHEET TITLE
GENERAL		
1	G01.01	COVER PAGE AND SHEET INDEX
2	G01.02	SURVEY KEY MAP
SURVEY		
3	V01.01	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 1 OF 12
4	V01.02	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 2 OF 12
5	V01.03	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 3 OF 12
6	V01.04	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 4 OF 12
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8	V01.06	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 6 OF 12
9	V01.07	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 7 OF 12
10	V01.08	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 8 OF 12
11	V01.09	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 9 OF 12
12	V01.10	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 10 OF 12
13	V01.11	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 11 OF 12
14	V01.12	TERMINAL 3 & 4 TOPOGRAPHIC SURVEY – SHEET 12 OF 12
15	V03.01	EAST SITCUM TERMINAL TOPOGRAPHIC SURVEY – SHEET 1 OF 4
16	V03.02	EAST SITCUM TERMINAL TOPOGRAPHIC SURVEY – SHEET 2 OF 4
17	V03.03	EAST SITCUM TERMINAL TOPOGRAPHIC SURVEY – SHEET 3 OF 4
18	V03.04	EAST SITCUM TERMINAL TOPOGRAPHIC SURVEY – SHEET 4 OF 4
19	V04.01	NIM TOPOGRAPHIC SURVEY – SHEET 1 OF 4
20	V04.02	NIM TOPOGRAPHIC SURVEY – SHEET 2 OF 4
21	V04.03	NIM TOPOGRAPHIC SURVEY – SHEET 3 OF 4
22	V04.04	NIM TOPOGRAPHIC SURVEY – SHEET 4 OF 4

CONSULTANT:



moffatt & nichol

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moffatt & nichol

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Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (253) 858-5841

MARK:	REVISION:	BY:	DATE:

APPROVED:	CHECKED BY	DATE
DIRECTOR	ENG. DATE	PROJ. ENGR. DATE
PRINTED BY: apatterson		Jun 28, 2018
PORT ADDRESS: ONE SITCUM PLAZA		TACOMA, WA 98401-1837

G01.01

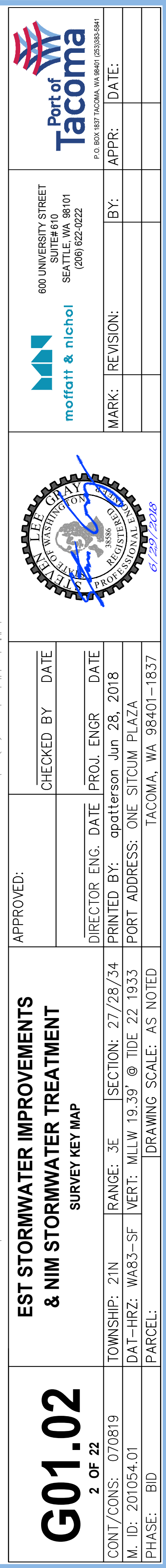
1 OF 22

CONT./CONS: 070819
M. ID: 201054-01
PHASE: BID

**EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT**

COVER PAGE AND SHEET INDEX

TOWNSHIP: 21N	RANGE: 3E	SECTION: 27/28/34
DAT-HRZ: WA83-SF	VERT: MLLW 19.39' @ TIDE 22 1933	DRAWING SCALE: AS NOTED
PARCEL:		



HORIZONTAL DATUM

WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE,
NAD 83/2007
(PER PORT OF TACOMA SURVEY CONTROL MAP – 2007)

MEASURED SOUTH 31°00'47" EAST 3340.24 FEET BETWEEN PORT
OF TACOMA MONUMENTS 923 AND 903 LOCATED ALONG
MILWAUKEE WAY

VERTICAL DATUM

MLLW (PER PORT OF TACOMA 2007 SECTION CONTROL MAP)

TIDE 22 1933 BENCHMARK: LOCATED AT NE CORNER OF 11TH ST.
BRIDGE AT THE INTERSECTION OF E. 11TH ST. AND MILWAUKEE WAY
ELEVATION = 19.39
(BASED ON 1960–1978 TIDAL EPOCH)

SITE DATA

TAX PARCEL NOS. 2275200610, 6965000010, 6965000020

NOTES

- EQUIPMENT USED: TOPCON QS ROBOTIC TOTAL STATION
- 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.
- 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.
- FIELD WORK PERFORMED IN MARCH THROUGH JUNE THROUGH AUGUST 2017, UNDER SITTS & HILL PROJECT NUMBER 17310.
- UTILITIES AS SHOWN HEREON ARE BASED ON FIELD SURVEY OBSERVATION OF UTILITY LOCATE SERVICES PERFORMED BY MOUNTAIN VIEW LOCATING SERVICES LLC, IN MARCH THROUGH JUNE 2017 FOR THIS SURVEY. THIS HAS BEEN SUPPLEMENTED BY RECORD INFORMATION PROVIDED BY (PORT OF TACOMA). RECORD UTILITY LINES SHOWN HEREON ARE DEPICTED WITH THE STANDARD LINETYPE WITH A "– R" AS SHOWN IN THE LEGEND. 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.
- SITTS & HILL ENGINEERS, INC. HAS RELIED UPON TITLE INFORMATION NOTED IN COMMITMENT FOR TITLE INSURANCE PREPARED BY CHICAGO TITLE INSURANCE COMPANY OF WASHINGTON, COMMITMENT NUMBER 0104497–TC, DATED AUGUST 4TH 2017. IN 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. SITTS & HILL ENGINEERS, INC. HAS RELIED WHOLLY ON SAID TITLE COMPANY'S REPORT AND THEREFORE QUALIFIES THE MAP'S ACCURACY AND COMPLETENESS TO THAT EXTENT.
- LEGAL DESCRIPTION NOTE: THE BOUNDARY SHOWN HEREON REFLECTS THE INCLUSION OF ORDINANCE NO. 26149 WHICH VACATES THE REMAINING PORTION OF E. 11TH ST., IN BETWEEN PORT OF TACOMA RD. AND THE BLAIR WATERWAY, NOT PREVIOUSLY VACATED BY ORDINANCE NO. 25746.
- BOUNDARY NOTE: THE PORTIONS OF THE BOUNDARY, DESCRIBED IN THE LEGAL DESCRIPTIONS, THAT LIE BEYOND THE MAPPING LIMITS OF THIS SURVEY ARE NOT SHOWN HEREON.

REFERENCES

- PORT OF TACOMA SURVEY CONTROL MAP; DATED 2007
- PORT OF TACOMA "TERMINAL 3 & 4 REDEVELOPMENT CONTRACT NO. 998203" SHEETS – C1.08 – C1.11, C2.04 – C2.06, E1.01–E1.06, E2.01, E2.02, PH1.01 – PH1.03
- 2005 AHB1 TOPOGRAPHIC SURVEY SUPPLIED TO SITTS & HILL FROM THE PORT OF TACOMA
- PORT OF TACOMA CAD FILE TITLED "T3–4 STORM SYSTEM"
- CHICAGO TITLE COMPANY COMMITMENT 0104497–TC; DATED 8/4/2017
- CITY OF TACOMA HISTORIC QUARTER SECTION MAP
- PIERCE COUNTY QUARTER SECTION MAP
- CORRECTED PLAT OF PORT OF TACOMA INDUSTRIAL DEVELOPMENT DISTRICT FIRST ADDITION; VOL. 18, PG. 8 BOOK OF RECORDS
- UNRECORDED U.S.A.C.E. SURVEY; MS27–004
- RECORD OF SURVEY; AFN 200006295005
- RECORD OF SURVEY; AFN 9706250296
- HARBOR LEASE AREA EXHIBIT NO. 22–001418; DATED 1/9/1980
- PROPOSED AQUATIC LAND LEASE HA2674; DATED 6/1986
- P.O.T. "NORTH INTERMODAL YARD" CONTRACT NO. 998113 SHEETS 18–20
- P.O.T. CAD FILES "1296008.02_RD_19MAR2015

LEGAL DESCRIPTIONS

PER CHICAGO TITLE COMPANY COMMITMENT 0104497–TC; DATED 8/4/2017

1. PARCEL A:
LOTS 1 TO 5 INCLUSIVE, BLOCK 1, PORT OF TACOMA INDUSTRIAL DEVELOPMENT DISTRICT FIRST ADDITION TO THE CITY OF TACOMA, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 18 OF PLATS, PAGE 8, IN PIERCE COUNTY, WASHINGTON;
EXCEPT THE SOUTHWESTERLY 200 FEET THEREOF;
TOGETHER WITH PORTION OF VACATED EAST 11TH STREET ABUTTING THERETO PER CITY OF TACOMA ORDINANCE NO. 25746.

PARCEL B:
THAT PORTION OF THE SOUTHERLY 200 FEET OF LOTS 1 AND 2, BLOCK 1, PORT OF TACOMA INDUSTRIAL DEVELOPMENT DISTRICT FIRST ADDITION TO THE CITY OF TACOMA, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 18 OF PLATS, PAGE 8, IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHWESTERLY CORNER OF SAID LOT 1, BEING THE INTERSECTION OF THE SOUTHEASTERLY LINE OF EAST 11TH STREET WITH THE NORTHEASTERLY LINE OF PORT OF TACOMA ROAD;
THENCE NORTHEASTERLY ALONG SAID SOUTHEASTERLY LINE OF EAST 11TH STREET 200 FEET;
THENCE SOUTHEASTERLY PARALLEL TO THE NORTHEASTERLY LINE OF PORT OF TACOMA ROAD 150 FEET;
THENCE SOUTHWESTERLY PARALLEL TO THE NORTHEASTERLY LINE OF 11TH STREET 200 FEET TO THE NORTHEASTERLY LINE OF PORT OF TACOMA ROAD;
THENCE NORTHWESTERLY ALONG SAID NORTHEASTERLY LINE OF PORT OF TACOMA ROAD 150 FEET TO THE PLACE OF BEGINNING, THE SAME BEING A RECTANGULAR TRACT HAVING A FRONTAGE OF 200 FEET OF EAST 11TH STREET AND 150 FEET ON PORT OF TACOMA ROAD.

PARCEL C:
BLOCKS 15 AND 15A, ASHTON'S REPLAT OF BLOCKS 13 THROUGH 48 OF THE PLAT OF TACOMA TIDELANDS, FILED FOR RECORD IN THE OFFICE OF THE AUDITOR OF PIERCE COUNTY ON DECEMBER 23, 1918, IN PIERCE COUNTY, WASHINGTON;
TOGETHER WITH PORTION OF VACATED EAST 11TH STREET ABUTTING THERETO PER CITY OF TACOMA ORDINANCE NO. 25746.

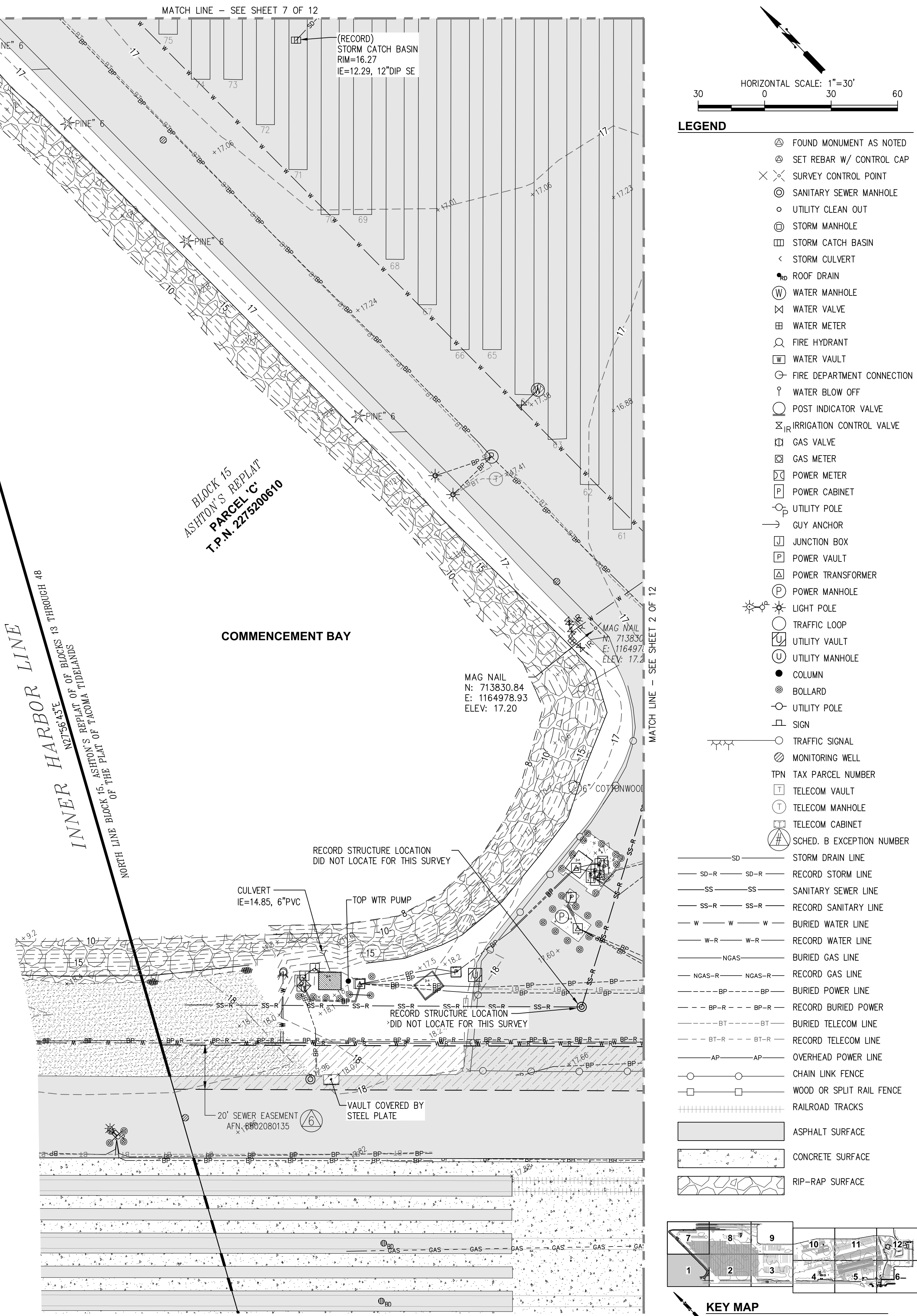
SCHEDULE B EXCEPTIONS

PER CHICAGO TITLE COMPAN COMMITMENT 0104497–TC; DATED 8/4/2017

EXCEPTION NUMBER	AFN	DESCRIPTION
1.	1814216	UTILITY EASEMENT GRANTED TO CITY OF TACOMA TO INSTALL POLES AND ANCHORS WITH EQUIPMENT ON AND STRING TRANSMISSION, DISTRIBUTION, SERVICE, COMMUNICATION AND GUY WIRES; AFFECTS PORTION OF PARCEL A AS SHOWN HEREON
2.	1994330	UTILITY EASEMENT GRANTED TO CITY OF TACOMA TO INSTALL AN ANCHOR WITH GUY WIRES; AFFECTS PORTION OF PARCEL C AS SHOWN HEREON
3.	2499913	SEWER EASEMENT GRANTED TO CITY OF TACOMA; AFFECTS PARCEL B AS SHOWN HEREON
4.	2534625	SEWER EASEMENT GRANTED TO CITY OF TACOMA; AFFECTS PARCEL A AS SHOWN HEREON
5.	2537304	SEWER EASEMENT GRANTED TO CITY OF TACOMA; AFFECTS PARCEL C AS SHOWN HEREON
6.	8303180285	UTILITY EASEMENT GRANTED TO CITY OF TACOMA TO INSTALL A PRIMARY ELECTRICAL POWER LINE TO INCLUDE TRANSFORMERS, UNDERGROUND CABLES AND RELATED EQUIPMENT; AFFECTS PORTION OF PARCEL C AS SHOWN HEREON
7.	8508060307	UTILITY EASEMENT GRANTED TO CITY OF TACOMA FOR AN OVERHEAD ELECTRICAL POWER LINE, TO INCLUDE WIRE, POLES, TRANSFORMERS, ANCHORS AND OTHER APPURTENANT EQUIPMENT; AFFECTS PORTION OF PARCEL C AS SHOWN HEREON
8.	8802080135	SEWER OUTFALL PIPELINE EASEMENT GRANTED TO CITY OF TACOMA, SAID EASEMENT SUPERSEDES AND REPLACES EASEMENTS RECORDED UNDER RECORDING NUMBERS 8706050210 AND 8708030173; AFFECTS PORTION OF PARCEL C AS SHOWN HEREON
9.	9304290416	TELECOMMUNICATIONS FACILITIES EASEMENT GRANTED TO US WEST COMMUNICATIONS, INC., A COLORADO CORPORATION; AFFECTS PORTION OF PARCEL A AS SHOWN HEREON
10.	9310260734*	MEMORANDUM OF RIGHT OF ACCESS TO PROPERTY IMPOSED BY CONSENT DECREE, INCLUDING THE TERMS AND PROVISIONS THEREOF; AFFECTS PARCEL C, NOT SHOWN HEREON
11.	9701270101	UTILITIES EASEMENT RESERVED IN CITY OF TACOMA ORDINANCE NO. 25746, GRANTED TO CITY OF TACOMA, WASHINGTON NATURAL GAS COMPANY & U.S. WEST, INC. FOR A STORM SEWER, GAS LINES, CABLE TELEVISION DISTRIBUTION LINES, ELECTRIC DISTRIBUTION LINES AND UNDERGROUND DUCTLINES; AFFECTS PORTION OF VACATED EAST 11TH STREET AS SHOWN HEREON
12.	9712020065	UTILITIES EASEMENT RESERVED IN CITY OF TACOMA ORDINANCE NO. 26149, GRANTED TO CITY OF TACOMA; AFFECTS PORTION OF VACATED EAST 11TH STREET AS SHOWN HEREON
13.	200205290320**	NOTICE OF ISSUANCE OF UNILATERAL ADMINISTRATIVE ORDER, INCLUDING THE TERMS AND PROVISIONS THEREOF; EXECUTED BY UNITED STATES ENVIRONMENTAL PROTECTION AGENCY; AFFECTS PARCEL C, NOT SHOWN HEREON
14.	200703160346**	FAIRLURER HABITAT AREA MIGRATION SITE DESCRIPTION, INCLUDING THE TERMS AND PROVISIONS THEREOF, REGARDING BLAIR WATERWAY INFRASTRUCTURE IMPROVEMENTS PROJECT; AFFECTS PARCEL A, NOT SHOWN HEREON
15.	201106130525	PIPELINE TERM EASEMENT AGREEMENT NO. 2 (25 YEAR TERM), INCLUDING THE TERMS AND PROVISIONS THEREOF, GRANTED TO SOUND PIPELINE COMPANY, LLC, A WASHINGTON LIMITED LIABILITY COMPANY; AFFECTS VACATED EAST 11TH STREET AS SHOWN HEREON
16.	--	RIGHT OF STATE OF WASHINGTON OR ANY GRANTEE OR LESSEE THEREOF, UPON PAYING REASONABLE COMPENSATION, TO ACQUIRE RIGHT OF WAY OVER SAID TIDELANDS, FOR PRIVATE RAILROADS, SKID ROADS, FLUMES, CANALS, WATER COURSES OR OTHER EASEMENTS FOR TRANSPORTING AND MOVING TIMBER, STONE, MINERALS OR OTHER PRODUCTS FROM OTHER LANDS.
17.	--	EXCEPTIONS AND RESERVATIONS CONTAINED IN DEED WHEREBY THE GRANTOR EXCEPTS AND RESERVES ALL OIL, GASES, COAL, ORES, MINERALS, FOSSILS, ETC., AND THE RIGHT OF ENTRY FOR OPENING, DEVELOPING AND WORKING THE SAME AND PROVIDING THAT SUCH RIGHTS SHALL NOT BE EXERCISED UNTIL PROVISION HAS BEEN MADE FOR FULL PAYMENT OF ALL DAMAGES SUSTAINED BY REASON OF SUCH ENTRY
		GRANTED BY STATE OF WASHINGTON
		RIGHT OF THE STATE OF WASHINGTON OR ITS SUCCESSORS, SUBJECT TO PAYMENT OF COMPENSATION, TO ACQUIRE RIGHTS OF WAY FOR PRIVATE RAILROADS, SKID ROADS, FLUMES, CANALS, WATER COURSES OR OTHER EASEMENTS FOR TRANSPORTING AND MOVING TIMBER, STONE, MINERALS AND OTHER PRODUCTS FROM THIS AND OTHER LAND, AS RESERVED IN ABOVE-REFERENCED DEED.
18.	--	WAIVER OF ALL CLAIM FOR DAMAGES TO THE PROPERTY IN THE PLAT BY REASON OF ANY CUTS OR FILLS MADE IN THE STREETS, AVENUES OR EASEMENTS SHOWN THEREON IN THE ORIGINAL GRADING THEREOF AS CONTAINED IN THE DEDICATION
19.	--	PROVISIONS OF CHAPTER 45, OF THE SESSION LAWS OF 1939 AND CHAPTER 73 OF THE SESSION LAWS OF 1955 OF THE STATE OF WASHINGTON, WHICH ARE CODIFIED AS RCW 53.25 ET SEQ., RELATING TO THE USE AND SALE OF THE PREMISES
20.	--	ANY PROHIBITION OR LIMITATION OF USE, OCCUPANCY OR IMPROVEMENT OF THE LAND RESULTING FROM THE RIGHTS OF THE PUBLIC OR RIPARIAN OWNERS TO USE ANY PORTION WHICH IS NOW OR WAS FORMERLY COVERED BY WATER
21.	--	THE COVERAGE PROVIDED BY THIS COMPANY DOES NOT EXTEND TO ANY STRUCTURE BUILT OVER OR UPON THE BED OR SURFACE OF COMMENCEMENT BAY OR ANY WATERWAY
22.	--	ADDITIONAL TAP OR CONNECTION CHARGES FOR SEWER FACILITIES LEVIED BY THE CITY OF TACOMA, NOTICE THEREOF IS GIVEN BY THE FILING OF MAP RECORDED NOVEMBER 1, 1978 UNDER RECORDING NUMBER 2864651. SAID MAP WAS CORRECTED BY INSTRUMENT RECORDED UNDER RECORDING NUMBER 2881434 AND AMENDED BY INSTRUMENT RECORDED UNDER RECORDING NUMBER 8012010130. INQUIRY SHOULD BE MADE WITH THE CITY OF TACOMA, DEPARTMENT OF PUBLIC WORKS, FOR THE AMOUNT DUE
23–25.	--	GENERAL AND SPECIAL TAXES; AFFECTS PARCELS A–C RESPECTIVELY
26.	--	THE SEARCH DID NOT DISCLOSE ANY OPEN MORTGAGES OR DEEDS OF TRUST OF RECORD, THEREFORE THE COMPANY RESERVES THE RIGHT TO REQUIRE FURTHER EVIDENCE TO CONFIRM THAT THE PROPERTY IS UNENCUMBERED, AND FURTHER RESERVES THE RIGHT TO MAKE ADDITIONAL REQUIREMENTS OR ADD ADDITIONAL ITEMS OR EXCEPTIONS UPON RECEIPT OF THE REQUESTED EVIDENCE
27.	--	ANY UNRECORDED LEASEHOLDS, RIGHT OF VENDORS AND HOLDERS OF SECURITY INTERESTS ON PERSONAL PROPERTY INSTALLED UPON THE LAND AND RIGHTS OF TENANTS TO REMOVE TRADE FIXTURES AT THE EXPIRATION OF THE TERMS

* BLANKET IN NATURE OF AFFECTS ENTIRE PROPERTY

** INDICATES TITLE EXCEPTION WHICH CANNOT BE SHOWN HEREON DUE TO INSUFFICIENT LEGAL DESCRIPTION OR LACK OF OBSERVABLE PHYSICAL EVIDENCE.



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D.M.S.	01/19/2018
CHECKED BY	DATE
DIRECTOR	ENG. DATE
PRINTED BY	schilling Jun 27, 2018
PORT ADDRESS	ONE SITCUM PLAZA
TACOMA, WA	98401–1837

V01.01

3 OF 22

EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT
TERMINAL 3 & 4 TOPOGRAPHIC SURVEY

SHEET 1 OF 12

TOWNSHIP: 21 NORTH RANGE: 3 EAST SECTION: 27/34

DAT–HRZ: WA83–SF

VERT: MLLW 19.39' @ Tide 22 1933

PARCEL: N/A

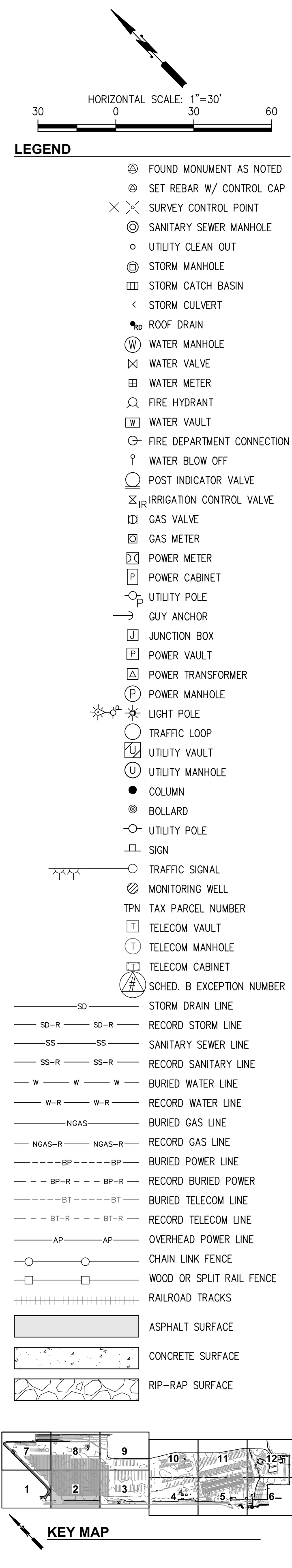
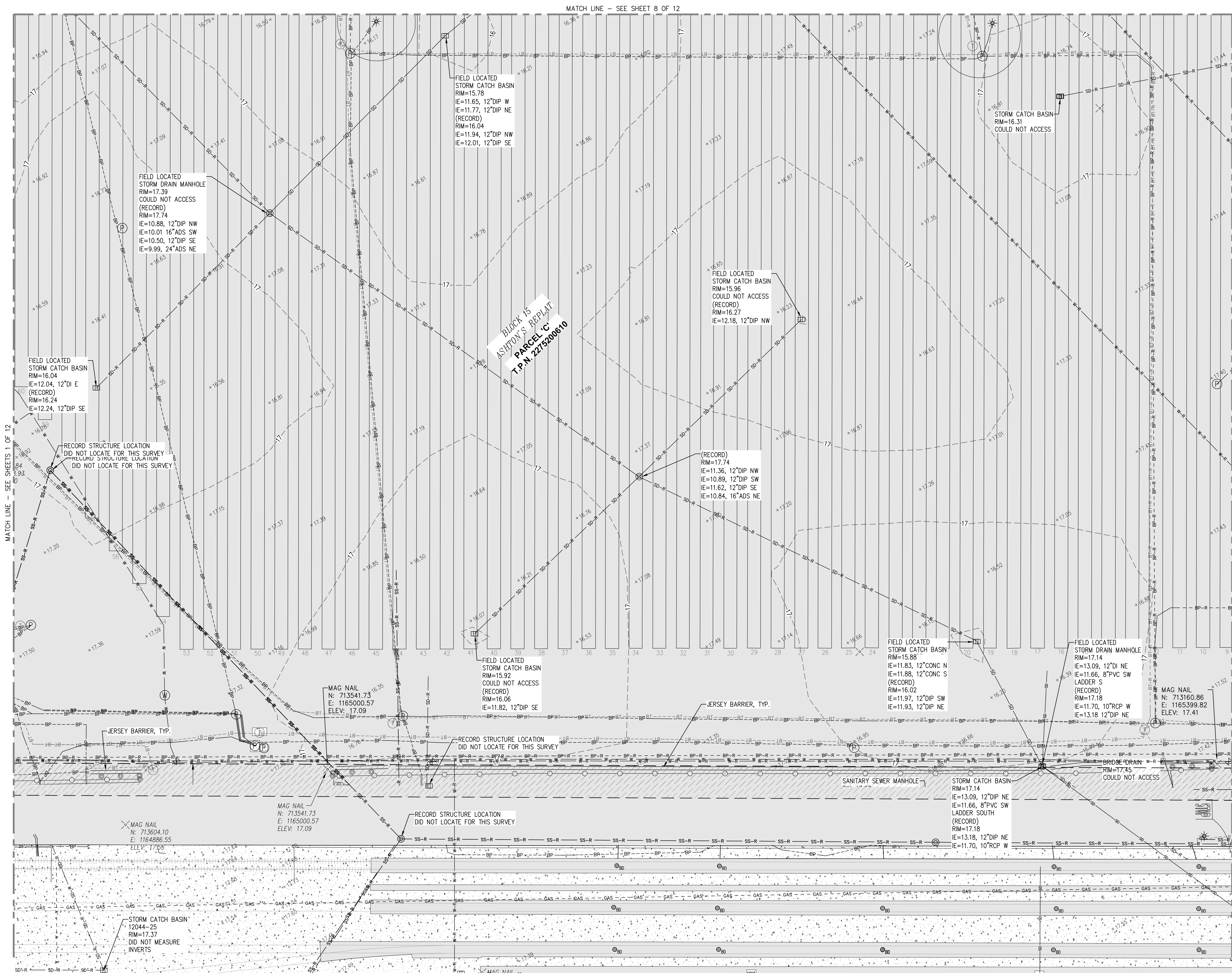
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CONTR/CONS: 070819

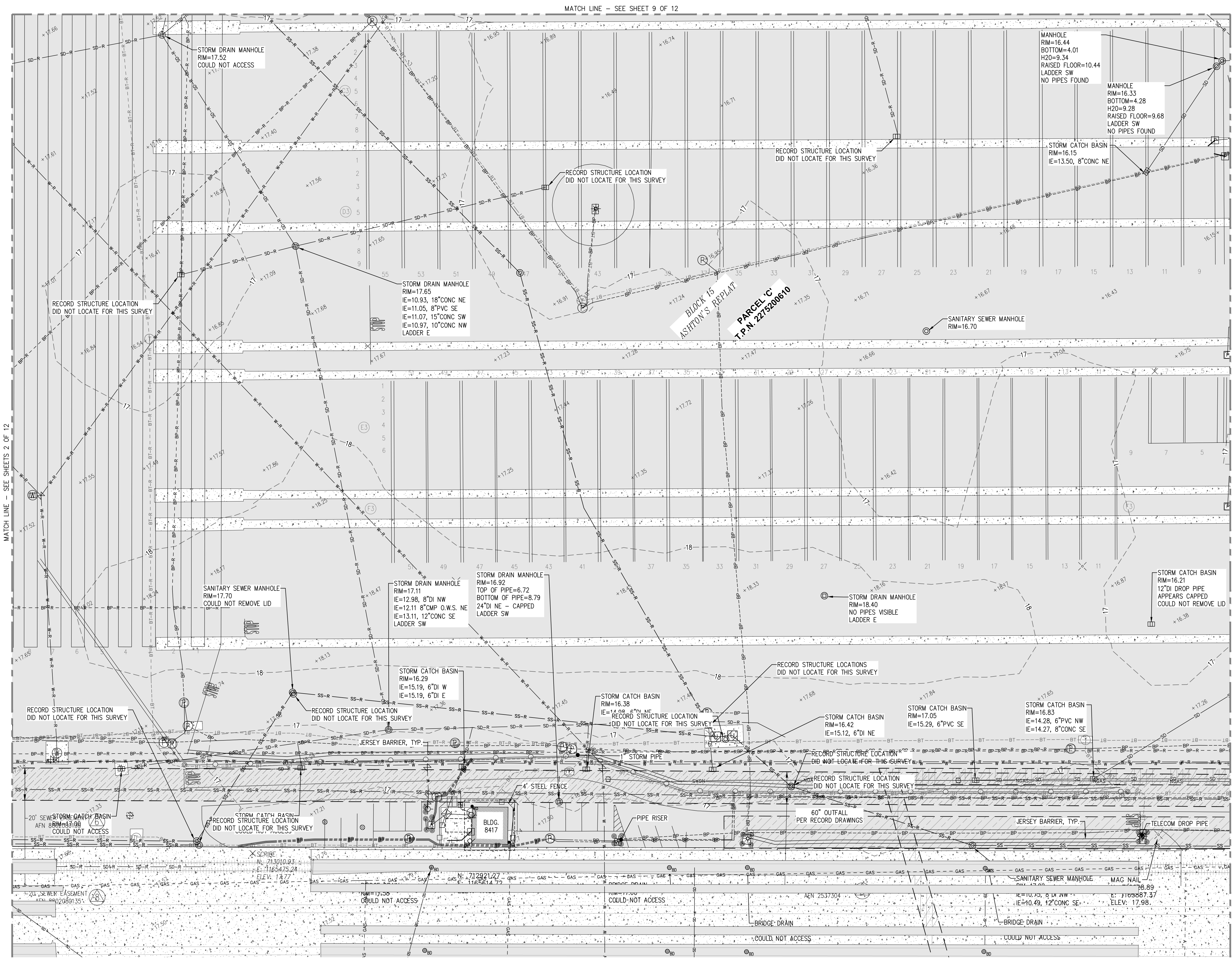
M. ID: 201054.01

PHASE: BID

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V01.02 4 OF 22	EST STORMWATER IMPROVEMENTS & NIM STORMWATER TREATMENT TERMINAL 3 & 4 TOPOGRAPHIC SURVEY SHEET 2 OF 12	APPROVED:	D.M.S.	01/19/2018		SITTS & HILL ENGINEERS, INC. Civil • Structural • Surveying 10000 1st Avenue NE Seattle, WA 98120 Phone: (206) 444-4444 Fax: (206) 444-4413 http://www.sittsandhillengineers.com Part of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (206)305-6441
		CONTRACTS: 070819 M. ID: 201054.01 PHASE: BID TOWNSHIP: 21 NORTH DAT-HRZ: WA83-SF PARCEL: N/A	RANGE: 3 EAST VERT: MLLW 19.39' @ Tide 22 1933 DRAWING SCALE: 1" = 20'	CHECKED BY DATE PROJ. ENGR DATE PRINTED BY: schillingd Jun 27, 2018 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837		



LEGEND

- FOUND MONUMENT AS NOTED
- SET REBAR W/ CONTROL CAP
- SURVEY CONTROL POINT
- SANITARY SEWER MANHOLE
- UTILITY CLEAN OUT
- STORM MANHOLE
- STORM CATCH BASIN
- STORM CULVERT
- ROOF DRAIN
- WATER MANHOLE
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- WATER VAULT
- FIRE DEPARTMENT CONNECTION
- WATER BLOW OFF
- POST INDICATOR VALVE
- IRRIGATION CONTROL VALVE
- GAS VALVE
- GAS METER
- POWER METER
- POWER CABINET
- UTILITY POLE
- GUY ANCHOR
- JUNCTION BOX
- POWER VAULT
- POWER TRANSFORMER
- POWER MANHOLE
- LIGHT POLE
- TRAFFIC LOOP
- UTILITY VAULT
- UTILITY MANHOLE
- COLUMN
- BOLLARD
- UTILITY POLE
- SIGN
- TRAFFIC SIGNAL
- MONITORING WELL
- TPN TAX PARCEL NUMBER
- TELECOM VAULT
- TELECOM MANHOLE
- TELECOM CABINET
- SCHED. B EXCEPTION NUMBER
- SD STORM DRAIN LINE
- SD-R RECORD STORM LINE
- SS SANITARY SEWER LINE
- SS-R RECORD SANITARY LINE
- W BURIED WATER LINE
- W-R RECORD WATER LINE
- NGAS BURIED GAS LINE
- NGAS-R RECORD GAS LINE
- BP BURIED POWER LINE
- BP-R RECORD BURIED POWER
- BT BURIED TELECOM LINE
- BT-R RECORD TELECOM LINE
- AP OVERHEAD POWER LINE
- CHAIN LINK FENCE
- WOOD OR SPLIT RAIL FENCE
- RAILROAD TRACKS
- ASPHALT SURFACE
- CONCRETE SURFACE
- RIP-RAP SURFACE

KEY MAP

**EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT
TERMINAL 3 & 4 TOPOGRAPHIC SURVEY**

V01.03

5 OF 22

CONT/CONS: 070819 TOWNSHIP: 21 NORTH RANGE: 3 EAST SECTION: 27/34 SHEET 3 OF 12

M. ID: 201054.01 DAT-HRZ: WA83-SF VERT: MLLW 19.39' @ Tide 22 1933

PHASE: BID PARCEL: N/A DRAWING SCALE: 1" = 20'

APPROVED:

D.M.S. 01/19/2018

CHECKED BY: DATE

DIRECTOR ENG. DATE

PRINTED BY: scilling Jun 27, 2018

PORT ADDRESS: ONE SITCUM PLAZA

TACOMA, WA 98401-1837

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ENGINEERS, INC.**

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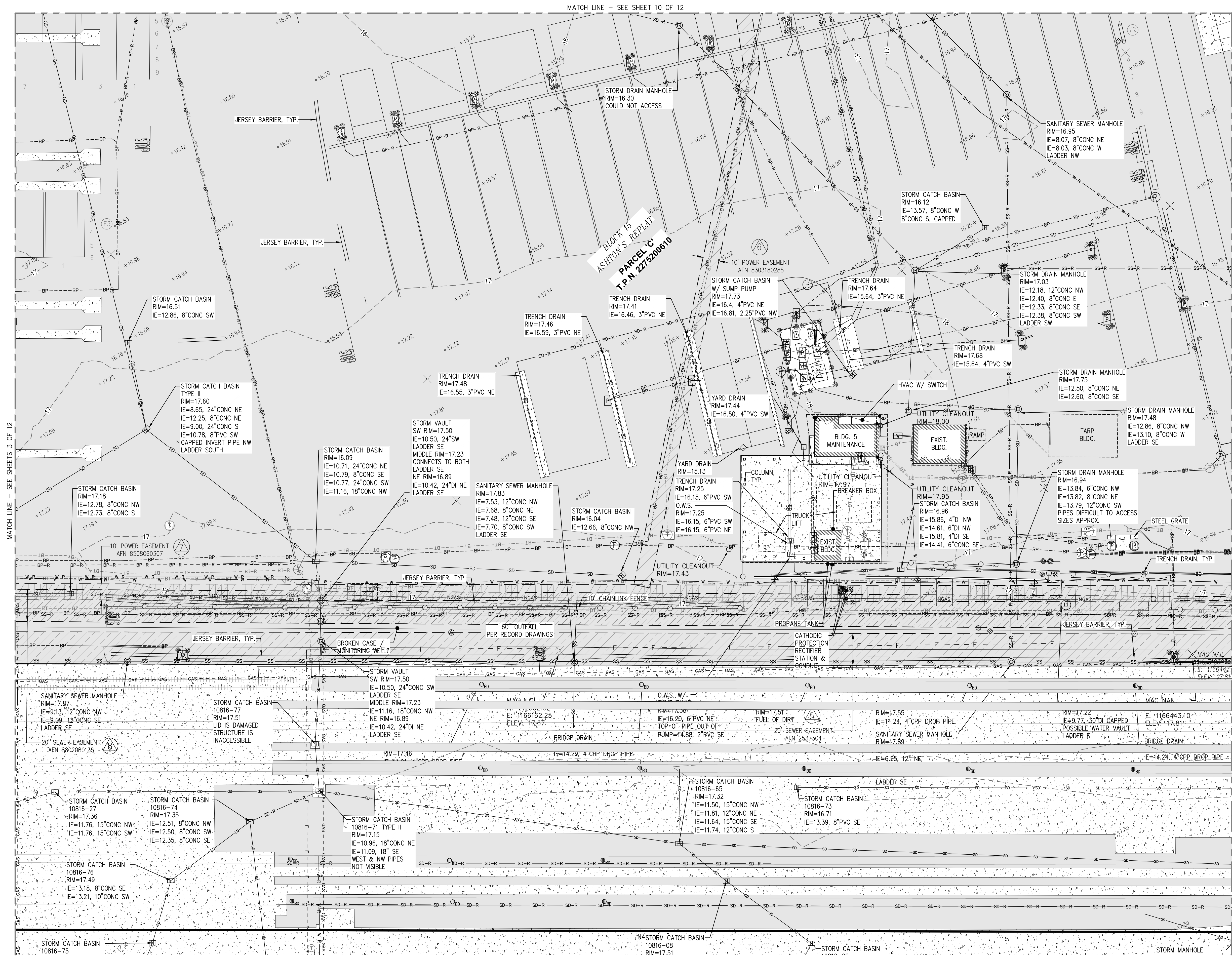
Part of Tacoma

P.O. BOX 1837 TACOMA, WA 98401 (253) 465-1111

REVISION:

MARK: BY: DATE:

APPR: DATE:



HORIZONTAL SCALE: 1"=30'

30 0 30 60

LEGEND

- FOUND MONUMENT AS NOTED
- SET REBAR W/ CONTROL CAP
- SURVEY CONTROL POINT
- SANITARY SEWER MANHOLE
- UTILITY CLEAN OUT
- STORM MANHOLE
- STORM CATCH BASIN
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- RECORD WATER LINE
- BURIED GAS LINE
- RECORD GAS LINE
- BURIED POWER LINE
- RECORD BURIED POWER
- BURIED TELECOM LINE
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- CHAIN LINK FENCE
- WOOD OR SPLIT RAIL FENCE
- RAILROAD TRACKS
- ASPHALT SURFACE
- CONCRETE SURFACE
- RIP-RAP SURFACE

KEY MAP

**EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT
TERMINAL 3 & 4 TOPOGRAPHIC SURVEY**

V01.04

6 OF 22

APPROVED: [Signature]

D.M.S. 01/19/2018

CHECKED BY: [Signature]

DATE: [Signature]

DIRECTOR: [Signature]

DATE: [Signature]

PRINTED BY: [Signature]

DATE: [Signature]

PORT ADDRESS: ONE SITCUM PLAZA

TACOMA, WA 98401-1837

CONTRACT/CONS: 070819

TOWNSHIP: 21 NORTH

SHEET: 3 OF 12

SECTION: 27/34

DAT-HRZ: WA83-SF

VERT: MLLW 19.39' @ Tide 22 1933

PHASE: BID

PARCEL: N/A

DRAWING SCALE: 1" = 20'

Port of Tacoma

P.O. BOX 1837 TACOMA, WA 98401-1837

SITTS & HILL ENGINEERS, INC.

CIVIL • STRUCTURAL • SURVEYING

405 CENTER STREET TACOMA, WA 98401

PHONE: (253) 465-1111 FAX: (253) 465-1112

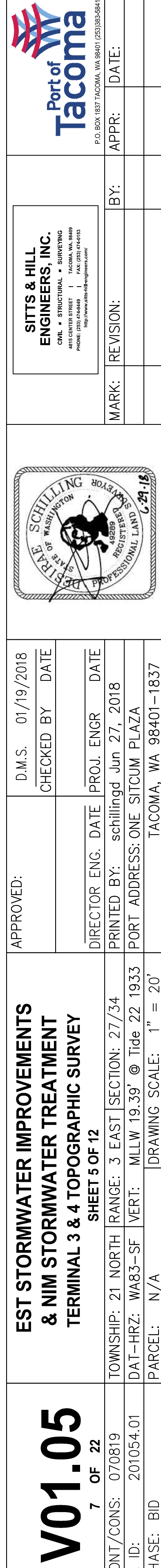
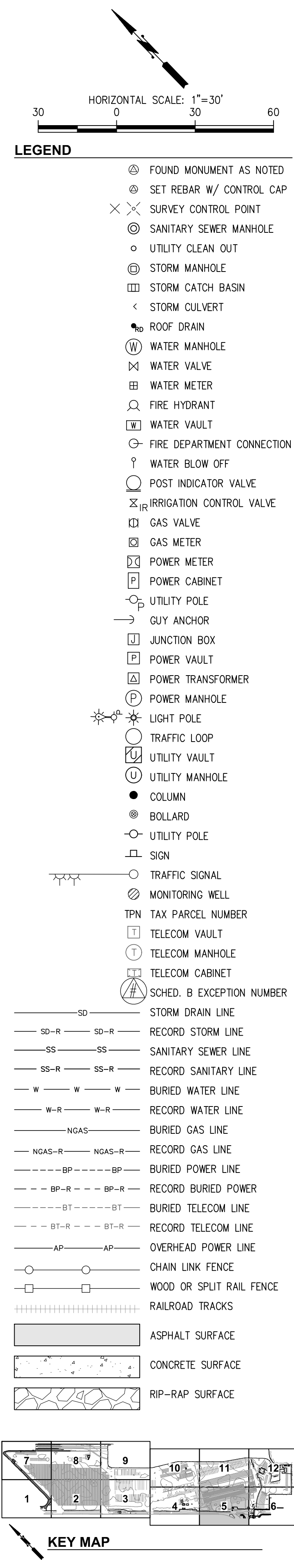
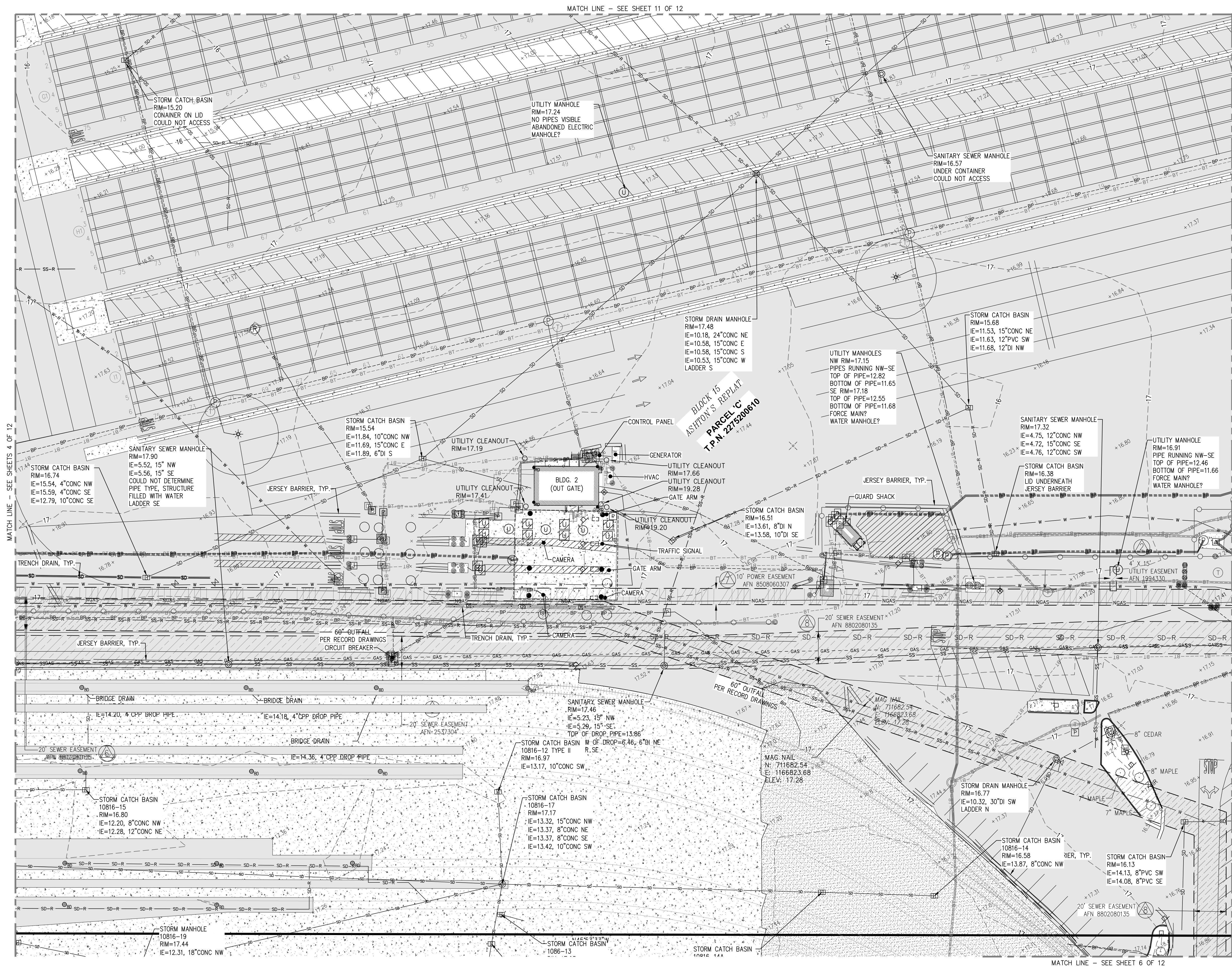
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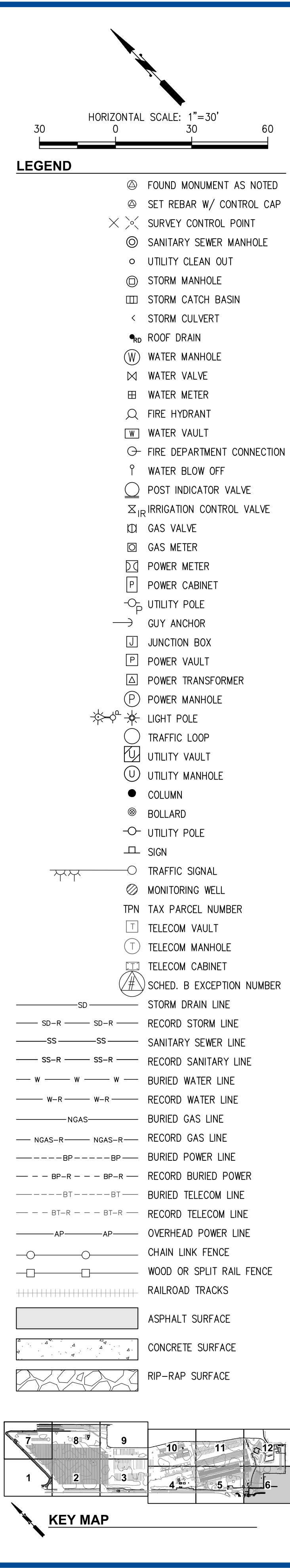
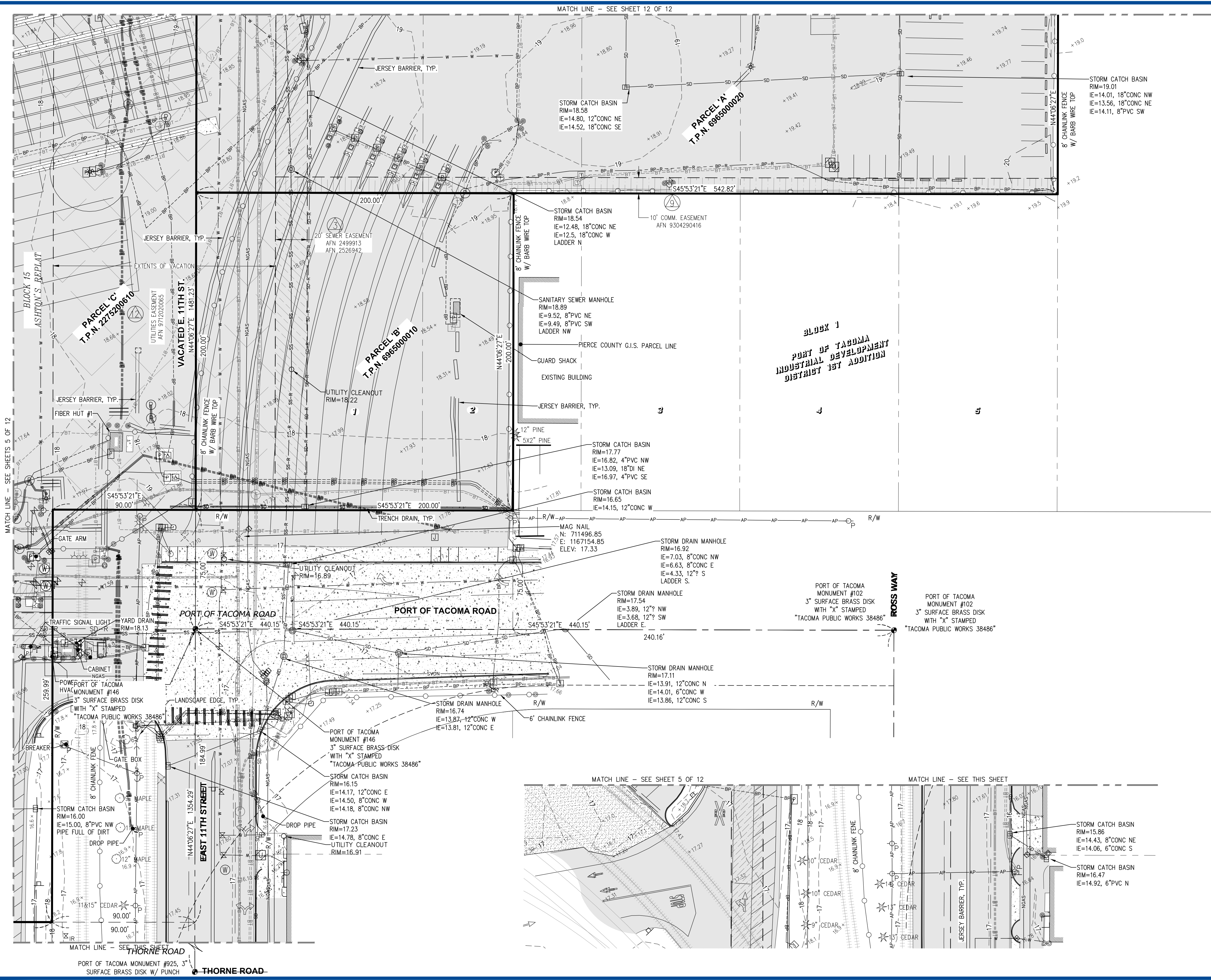
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BY: [Signature]

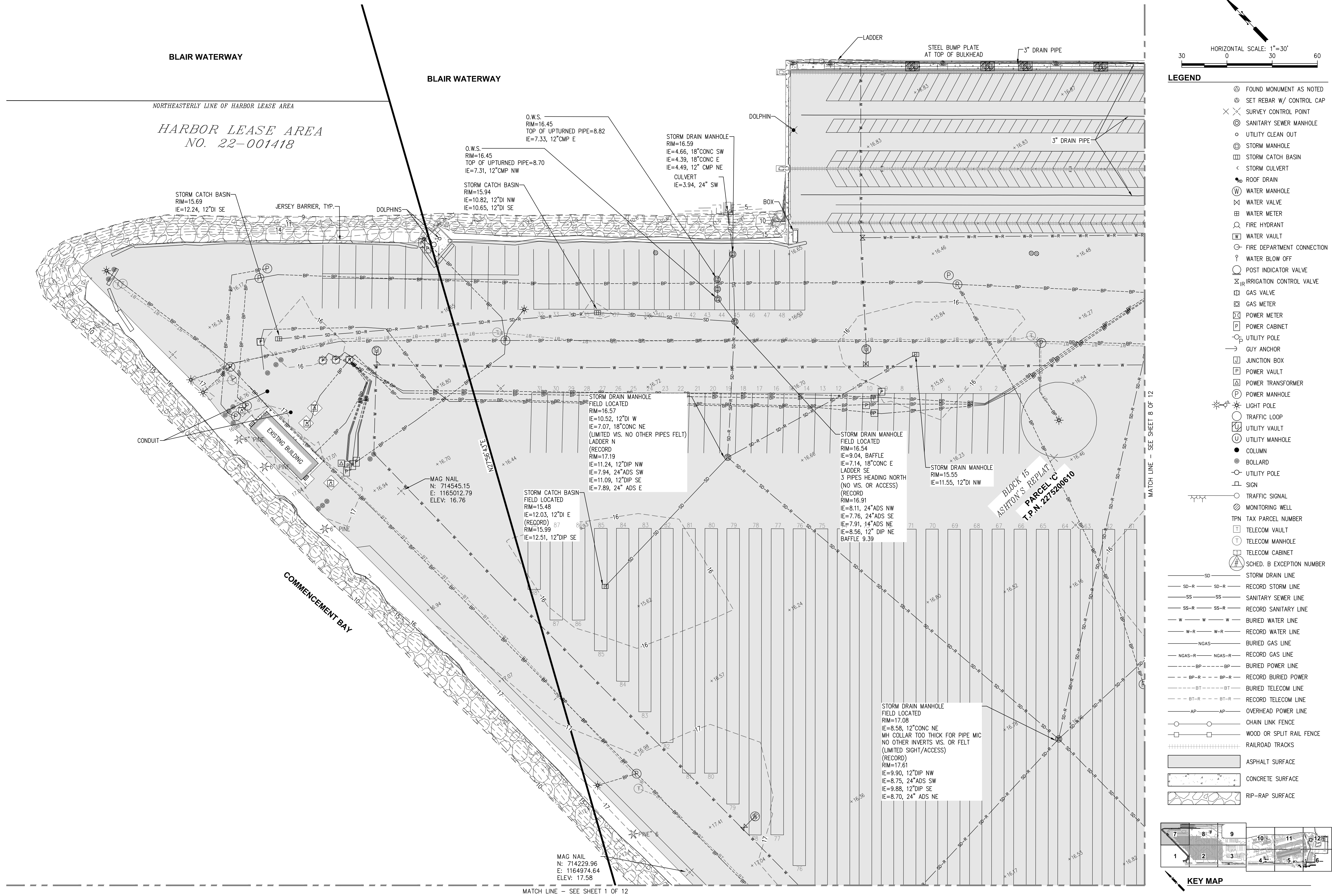
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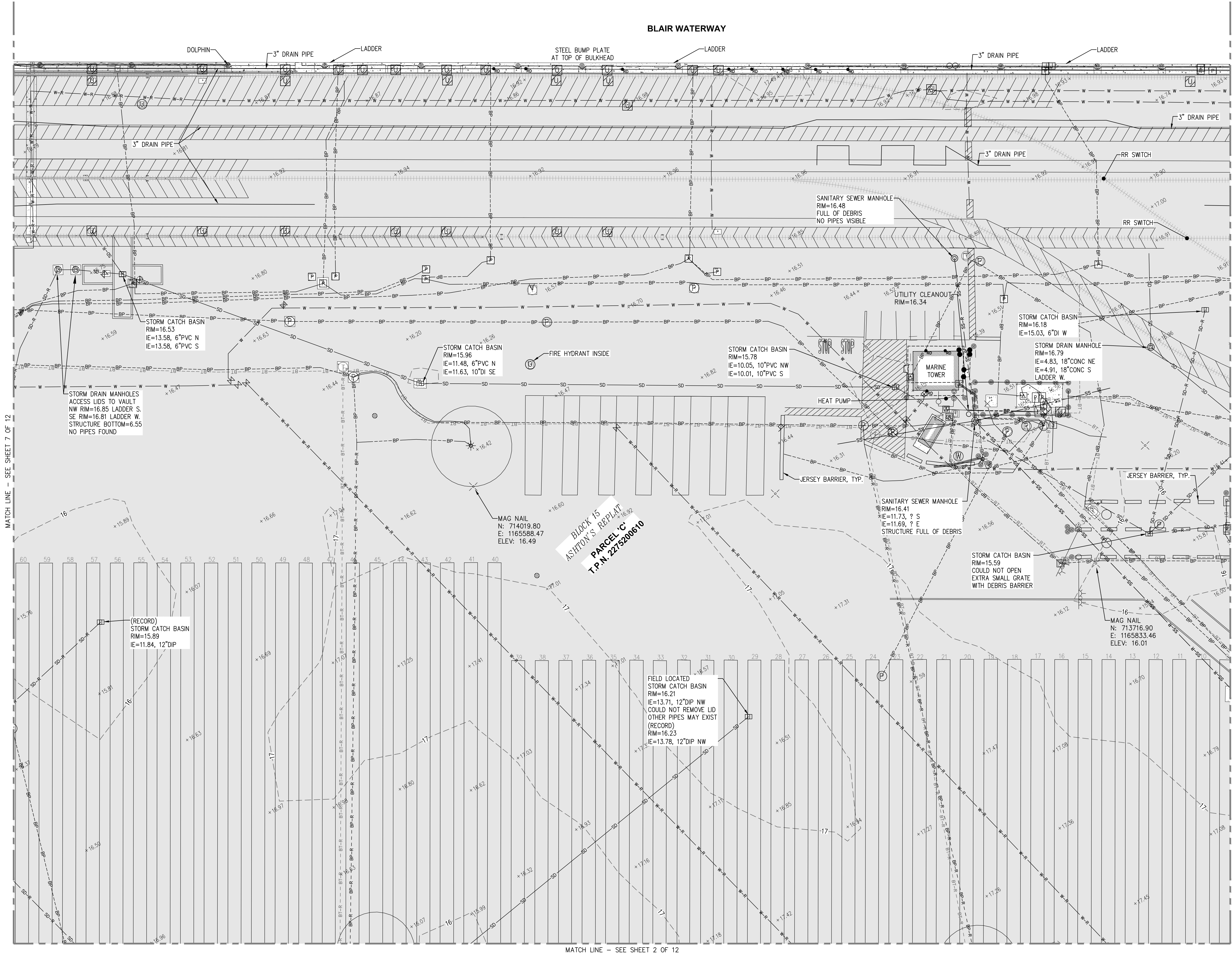
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V01.06 8 OF 22		EST STORMWATER IMPROVEMENTS & NIM STORMWATER TREATMENT TERMINAL 3 & 4 TOPOGRAPHIC SURVEY SHEET 6 OF 12		APPROVED:		D.M.S. 01/19/2018	
CONTRACT/CONS: 070819		TOWNSHIP: 21 NORTH		RANGE: 3 EAST		SECTION: 27/34	
M. ID: 201054.01		DATE-HRZ: WAB3-SF		VERT: MLLW 19.39'		@ Tide 22 1933	
PHASE: BID		PARCEL: N/A		DRAWING SCALE: 1" = 20'		TACOMA, WA 98401-1837	





HORIZONTAL SCALE: 1"=30'

30 0 30 60

LEGEND

- FOUND MONUMENT AS NOTED
- SET REBAR W/ CONTROL CAP
- ✕ SURVEY CONTROL POINT
- SANITARY SEWER MANHOLE
- UTILITY CLEAN OUT
- ⊕ STORM MANHOLE
- ⊕ STORM CATCH BASIN
- < STORM CULVERT
- ⦿ ROOF DRAIN
- ⊕ WATER MANHOLE
- ⊕ WATER VALVE
- ⊕ WATER METER
- ⊕ FIRE HYDRANT
- ⊕ WATER VAULT
- FIRE DEPARTMENT CONNECTION
- ⊕ WATER BLOW OFF
- POST INDICATOR VALVE
- ⊕ IRRIGATION CONTROL VALVE
- ⊕ GAS VALVE
- ⊕ GAS METER
- ⊕ POWER METER
- ⊕ POWER CABINET
- ⊕ UTILITY POLE
- GUY ANCHOR
- ⊕ JUNCTION BOX
- ⊕ POWER VAULT
- ⊕ POWER TRANSFORMER
- ⊕ POWER MANHOLE
- ⊕ LIGHT POLE
- ⊕ TRAFFIC LOOP
- ⊕ UTILITY VAULT
- ⊕ UTILITY MANHOLE
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- ⊕ BOLLARD
- ⊕ UTILITY POLE
- ⊕ SIGN
- ⊕ TRAFFIC SIGNAL
- ⊕ MONITORING WELL
- TPN TAX PARCEL NUMBER
- ⊕ TELECOM VAULT
- ⊕ TELECOM MANHOLE
- ⊕ TELECOM CABINET
- ⊕ SCHED. B EXCEPTION NUMBER
- SD STORM DRAIN LINE
- SD-R RECORD STORM LINE
- SS SANITARY SEWER LINE
- SS-R RECORD SANITARY LINE
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- W-R RECORD WATER LINE
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- CHAIN LINK FENCE
- WOOD OR SPLIT RAIL FENCE
- ⊕ RAILROAD TRACKS
- ASPHALT SURFACE
- CONCRETE SURFACE
- RIP-RAP SURFACE

KEY MAP

P.O. BOX 1837 TACOMA, WA 98401 (206)388-3441

SITTS & HILL
ENGINEERS, INC.

Civil • Structural • Surveying

405 CENTER STREET TACOMA, WA 98401
PHONE: (206) 388-3441 FAX: (206) 388-3442
WWW.SITTSANDHILL.COM

DATE: _____

APR: _____

BY: _____

REVISION: _____

MARK: _____

SCHILLING
HOLLANDS
REGISTERED PROFESSIONAL LAND SURVEYOR

NO. 12345

EXPIRATION DATE: 12/31/16

APPROVED: _____

D.M.S. 01/19/2018

CHECKED BY: _____ DATE: _____

DIRECTOR: _____ DATE: _____

PRINTED BY: schillingd Jun 27, 2018

PORT ADDRESS: ONE SITCUM PLAZA

TACOMA, WA 98401-1837

EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT
TERMINAL 3 & 4 TOPOGRAPHIC SURVEY

SHEET 8 OF 12

TOWNSHIP: 21 NORTH RANGE: 3 EAST SECTION: 27/34

DAT-HRZ: WA83-SF VERT: MLLW 19.39' @ Tide 22 1933

PARCEL: N/A DRAWING SCALE: 1" = 20'

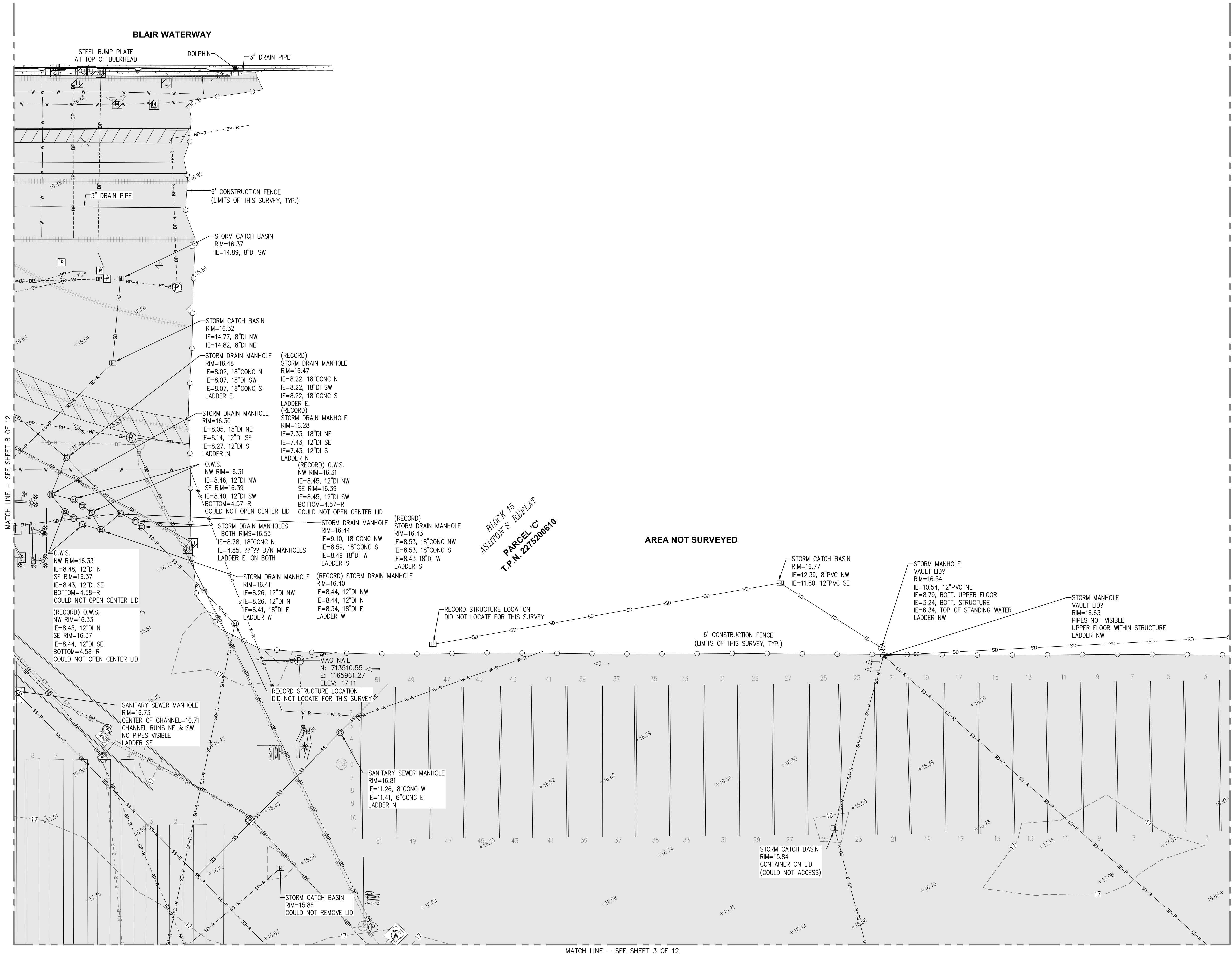
V01.08

10 OF 22

CONT/CONS: 070819

M. ID: 201054.01

PHASE: BID



HORIZONTAL SCALE: 1"=30'

30 0 30 60

LEGEND

- FOUND MONUMENT AS NOTED
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Port of Tacoma

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WWW.SITTSANDHILL.COM

APPROVED:	D.M.S. 01/19/2018	CHECKED BY:	DATE
DIRECTOR ENG. DATE	PROJ. ENGR DATE	PRINTED BY:	DATE
27/34	Jun 27, 2018	scilling@jun 27, 2018	
TOWNSHIP: 21 NORTH RANGE: 3 EAST SECTION: 27/34		PORT ADDRESS: ONE SITCUM PLAZA	
DATE-HRZ: WA83-SF		TACOMA, WA 98401-1837	
M. ID: 201054.01		PARCEL: N/A	
PHASE: BID		DRAWING SCALE: 1" = 20'	

EST STORMWATER IMPROVEMENTS & NIM STORMWATER TREATMENT TERMINAL 3 & 4 TOPOGRAPHIC SURVEY

V01.09

11 OF 22

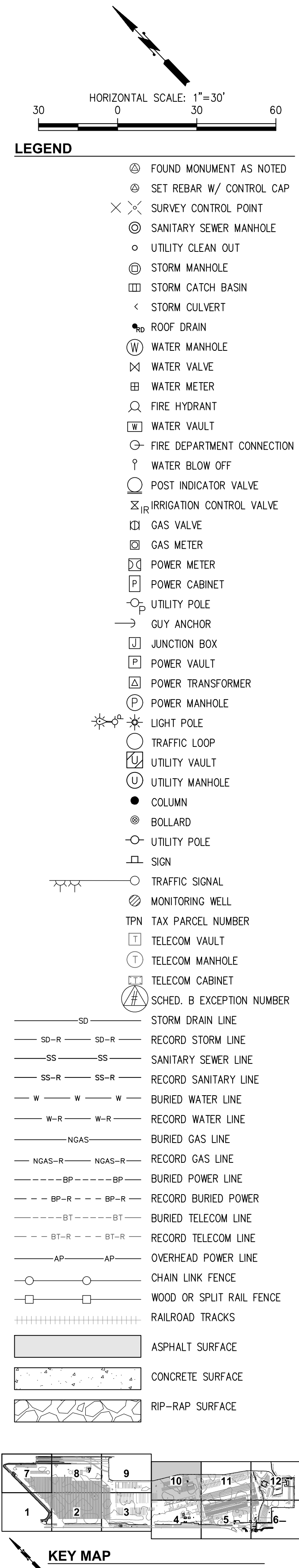
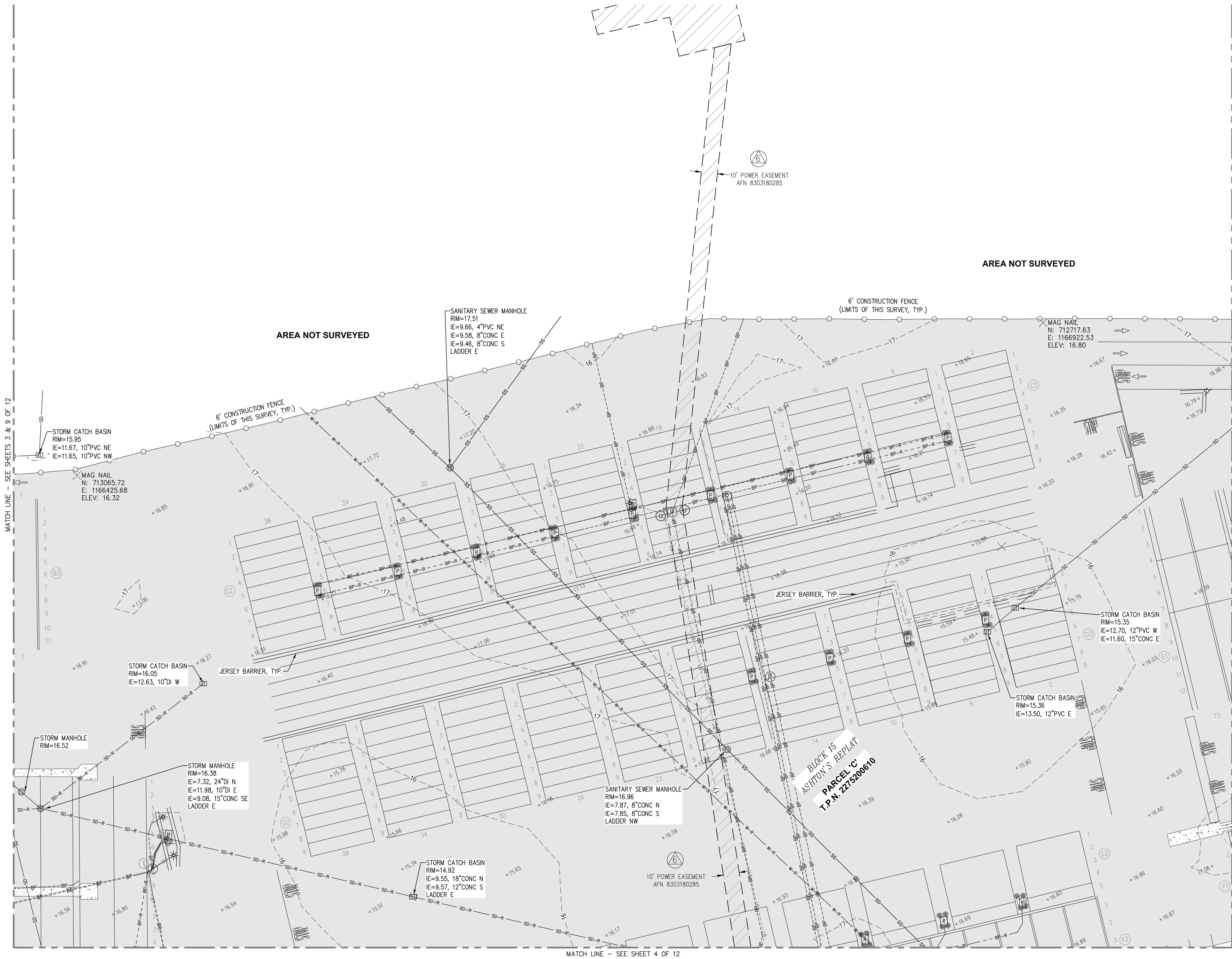
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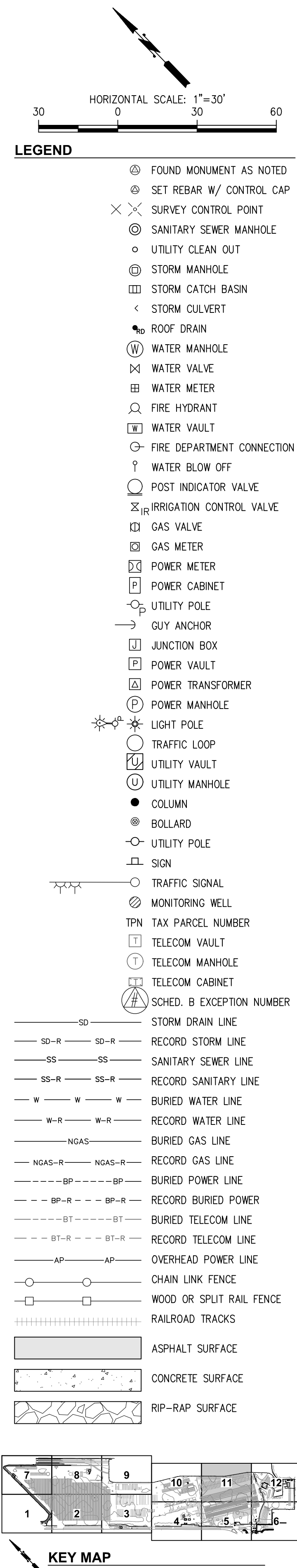
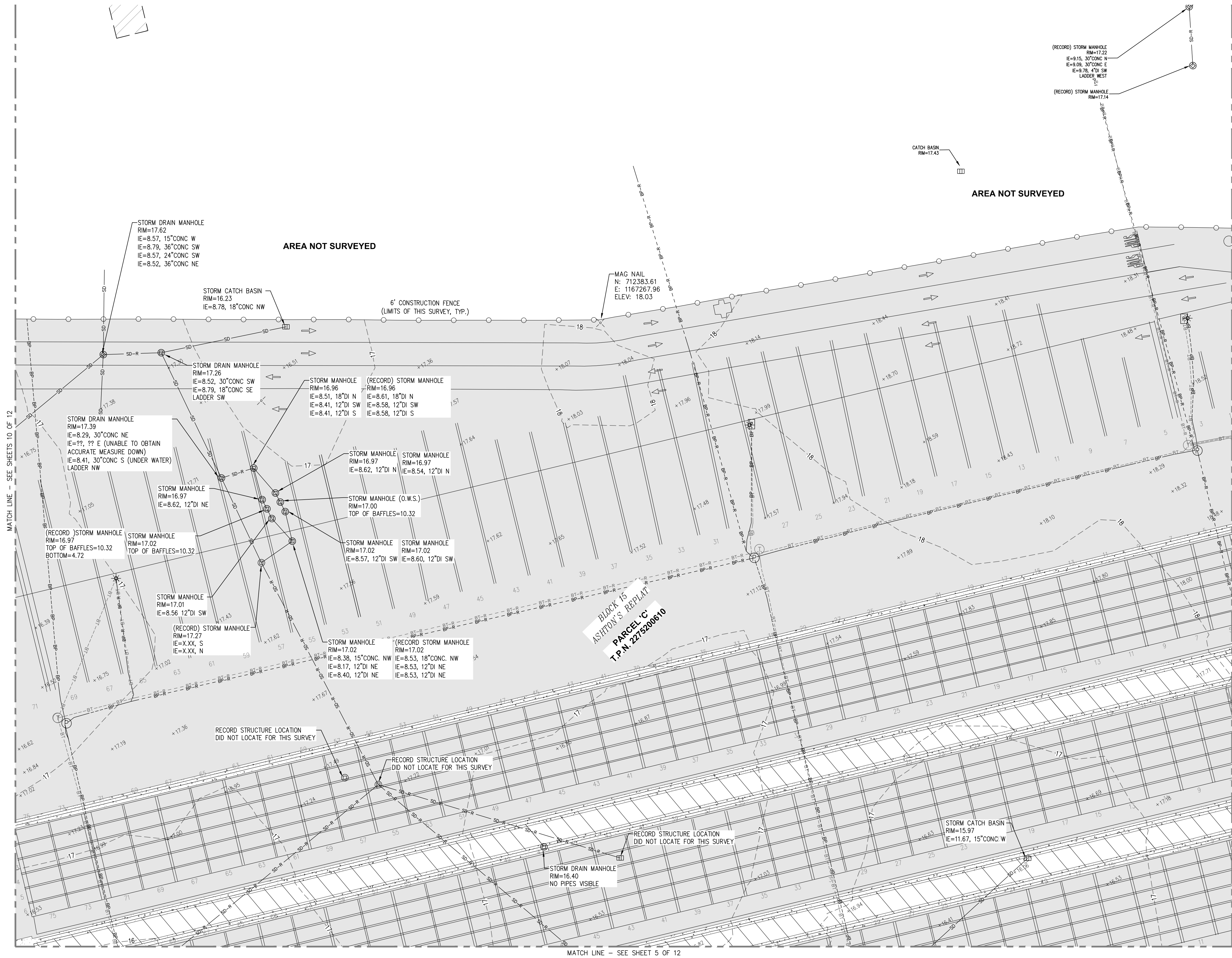
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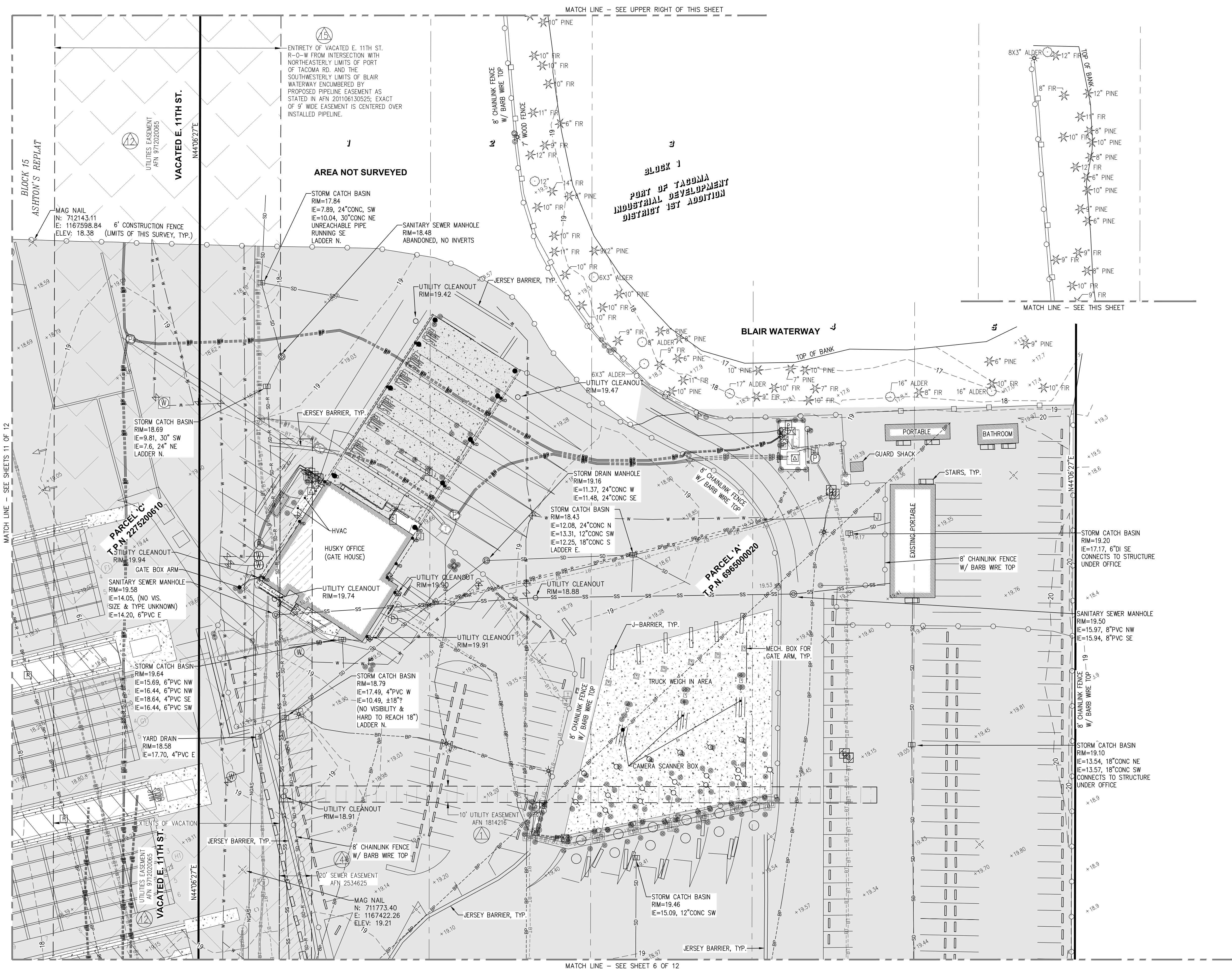
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LEGEND

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- STORM MANHOLE
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HORIZONTAL SCALE: 1"=30'

30 0 30 60

KEY MAP

**EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT
TERMINAL 3 & 4 TOPOGRAPHIC SURVEY**

V01.12

14 OF 22

SHEET 12 OF 12

CONT/CONS: 070819 TOWNSHIP: 21 NORTH RANGE: 3 EAST SECTION: 27/34

M. ID: 201054.01 DAT-HRZ: WA83-SF VERT: MLLW 19.39' @ Tide 22 1933

PHASE: BID PARCEL: N/A DRAWING SCALE: 1" = 20'

**SITTS & HILL
ENGINEERS, INC.**

Civil • Structural • Surveying

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PHONE: 253.426.1111
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APPROVED:

D.M.S. 01/19/2018

CHECKED BY: DATE

DIRECTOR ENG. DATE: PROJ. ENGR DATE

PRINTED BY: schillingd Jun 27, 2018

PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98401-1837

Port of Tacoma

P.O. BOX 1837 TACOMA, WA 98401 (203)383-3441

DATE: _____

APPR: _____

BY: _____

REVISION: _____

MARK: _____

HORIZONTAL DATUM

WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83/2007
(PER PORT OF TACOMA SURVEY CONTROL MAP - 2007)

MEASURED SOUTH 31°00'47" EAST 3340.24 FEET BETWEEN PORT OF TACOMA MONUMENTS 923 AND 903 LOCATED ALONG MILWAUKEE WAY

VERTICAL DATUM

MLLW (PER PORT OF TACOMA 2007 SECTION CONTROL MAP)

TIDE 22 1933 BENCHMARK, LOCATED AT NE CORNER OF 11TH ST. BRIDGE AT THE INTERSECTION OF E. 11TH ST. AND MILWAUKEE WAY
ELEVATION = 19.39
(BASED ON 1960-1978 TIDAL EPOCH)

SITE DATA

TAX PARCEL NOS. 2275200633

NOTES

- EQUIPMENT USED: TOPCON GS & CARLSON CR2+ ROBOTIC TOTAL STATIONS
- 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 IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- 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.
- FIELD WORK PERFORMED IN OCTOBER THROUGH NOVEMBER 2017, UNDER SITTS & HILL PROJECT NUMBER 17310.
- UTILITIES AS SHOWN HEREON ARE BASED ON FIELD SURVEY OBSERVATION OF UTILITY LOCATE SERVICES PERFORMED BY MOUNTAIN VIEW LOCATING SERVICES LLC. IN OCTOBER THROUGH NOVEMBER 2017 FOR THIS SURVEY. THIS HAS BEEN SUPPLEMENTED BY RECORD INFORMATION PROVIDED BY (PORT OF TACOMA). RECORD UTILITY LINES SHOWN HEREON ARE DEPICTED WITH THE STANDARD LINETYPE WITH A "L" R" AS SHOWN IN THE LEGEND. 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.
- SITTS & HILL ENGINEERS, INC. HAS RELIED UPON TITLE INFORMATION NOTED IN COMMITMENT FOR TITLE INSURANCE PREPARED BY CHICAGO TITLE INSURANCE COMPANY OF WASHINGTON, COMMITMENT NUMBER 0112567-TC, DATED NOVEMBER 6TH 2017. IN 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. SITTS & HILL ENGINEERS, INC. HAS RELIED WHOLLY ON SAID TITLE COMPANY'S REPORT AND THEREFORE QUALIFIES THE MAP'S ACCURACY AND COMPLETENESS TO THAT EXTENT.
- BOUNDARY NOTE: THE PORTIONS OF THE BOUNDARY, DESCRIBED IN THE LEGAL DESCRIPTIONS, THAT LIE BEYOND THE MAPPING LIMITS OF THIS SURVEY ARE NOT SHOWN HEREON.

REFERENCES

- PORT OF TACOMA SURVEY CONTROL MAP; DATED 2007
- PORT OF TACOMA "TERMINAL 3 & 4 REDEVELOPMENT CONTRACT NO. 998203" SHEETS - C1.08 - C1.11, C2.04 - C2.06, E1.01-E1.06, E2.01, E2.02, PH1.01 - PH1.03
- 2005 AHBL TOPOGRAPHIC SURVEY SUPPLIED TO SITTS & HILL FROM THE PORT OF TACOMA
- PORT OF TACOMA CAD FILE TITLED "T3-4 STORM SYSTEM"
- CHICAGO TITLE COMPANY COMMITMENT 0112567-TC; DATED 11/6/2017
- CITY OF TACOMA HISTORIC QUARTER SECTION MAP
- PIERCE COUNTY QUARTER SECTION MAP
- CORRECTED PLAT OF PORT OF TACOMA INDUSTRIAL DEVELOPMENT DISTRICT FIRST ADDITION; VOL. 18, PG. 8 BOOK OF RECORDS
- UNRECORDED U.S.A.C.E. SURVEY; M527-004
- RECORD OF SURVEY; AFN 200006295005
- RECORD OF SURVEY; AFN 9706250296
- HARBOR LEASE AREA EXHIBIT NO. 22-001418; DATED 1/9/1980
- PROPOSED AQUATIC LAND LEASE HA2674; DATED 6/1986
- P.O.T. "NORTH INTERMODAL YARD" CONTRACT NO. 998113 SHEETS 18-20
- P.O.T. CAD FILES "1296008.02_RD_19MAR2015
- P.O.T. CAD FILES "TERMINAL 7 REDEVELOPMENT" DATED 2005
- "GENERAL PENINSULA STORMWATER INFRASTRUCTURE IMPROVEMENTS", CONTRACT NO.069718 DATED 2015

LEGAL DESCRIPTIONS

BLOCKS 16 AND 16A, TACOMA TIDELANDS, ACCORDING TO THE OFFICIAL MAP THEREOF FILED IN THE OFFICE OF THE COMMISSIONER OF PUBLIC LANDS AT OLYMPIA, SEPTEMBER 3, 1895, AND THOSE PORTIONS OF VACATED STREETS AND AVENUES ABUTTING THEREON AND ATTACHED THERETO BY OPERATION OF LAW, AS VACATED BY CITY OF TACOMA ORDINANCE NO. 7634 AND RECORDED UNDER RECORDING NUMBER 620706;

EXCEPT THAT PORTION THEREOF CONVEYED TO THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY COMPANY BY WARRANTY DEED RECORDED AUGUST 14, 1924 UNDER RECORDING NUMBER 721735;

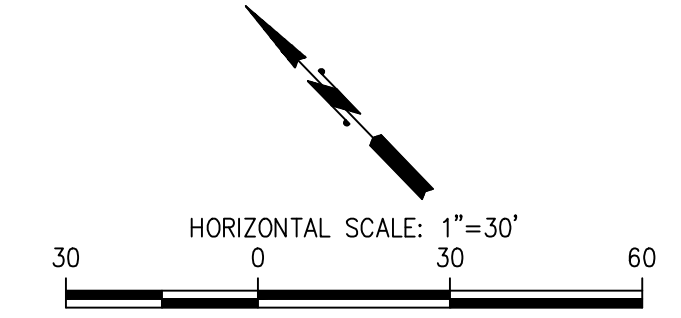
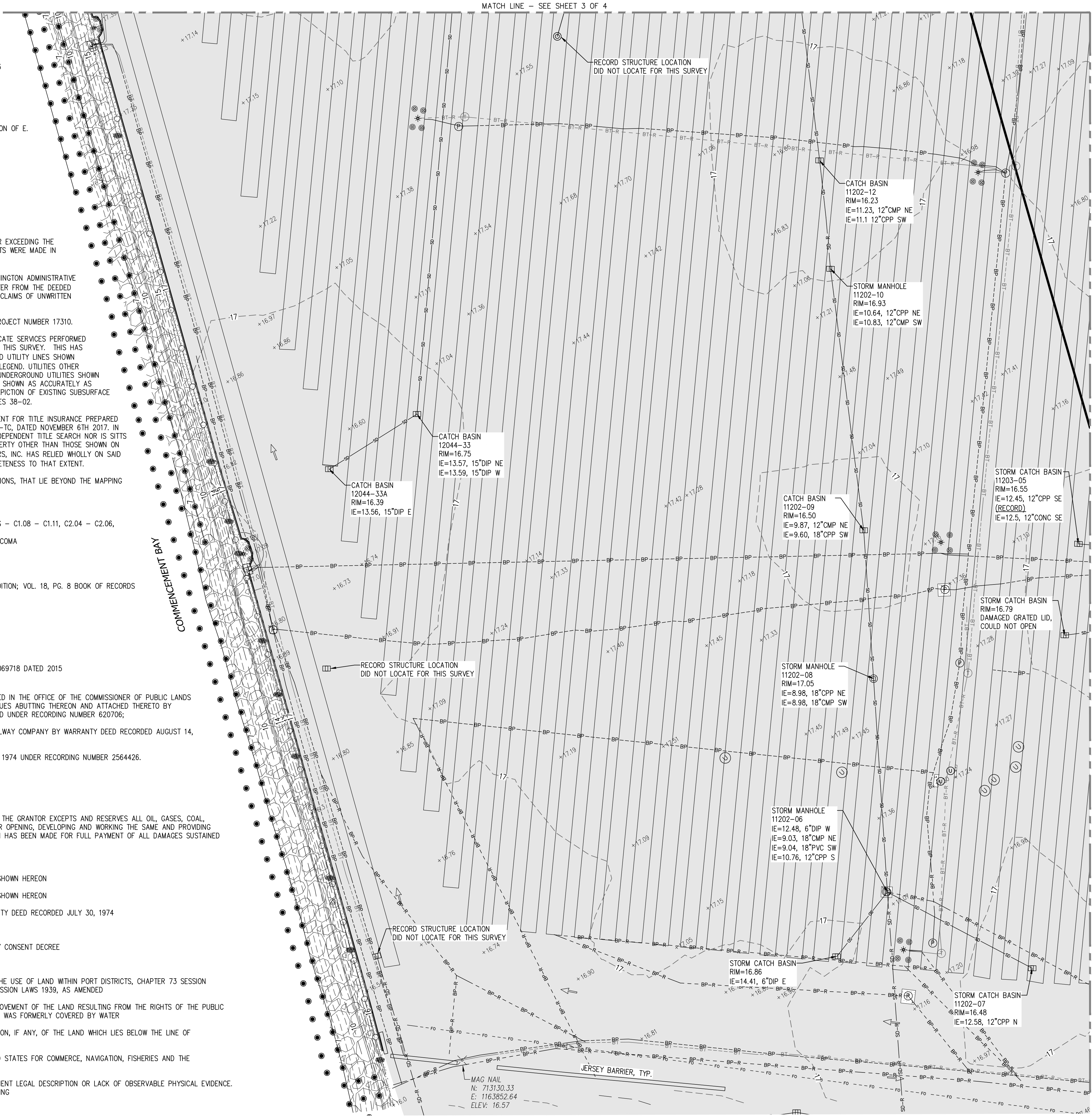
ALSO EXCEPT ANY PORTION THEREOF CONVEYED BY WARRANTY DEED RECORDED JULY 30, 1974 UNDER RECORDING NUMBER 2564426.

SCHEDULE B EXCEPTIONS

PER CHICAGO TITLE COMPANY COMMITMENT 0112567-TC; DATED 11/6/2017

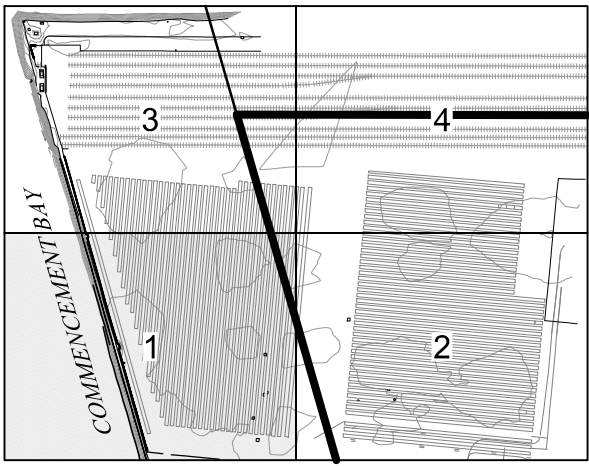
EXCEPTION NUMBER	AFN	DESCRIPTION
1.	640840	EXCEPTIONS AND RESERVATIONS CONTAINED IN DEED WHEREBY THE GRANTOR EXCEPTS AND RESERVES ALL OIL, GASES, COAL, ORES, MINERALS, FOSSILS, ETC., AND THE RIGHT OF ENTRY FOR OPENING, DEVELOPING AND WORKING THE SAME, AND PROVIDING THAT SUCH RIGHTS SHALL NOT BE EXERCISED UNTIL PROVISION HAS BEEN MADE FOR FULL PAYMENT OF ALL DAMAGES SUSTAINED BY REASON OF SUCH ENTRY
2.	1601962*	SEWER EASEMENT; NOT SHOWN HEREON
3.	1916251**	POWER POLES AND DISTRIBUTION EQUIPMENT EASEMENT; NOT SHOWN HEREON
4.	1961988**	POWER POLES AND DISTRIBUTION EQUIPMENT EASEMENT; NOT SHOWN HEREON
5.	2564426	TERMS, CONDITIONS AND RESERVATIONS CONTAINED IN WARRANTY DEED RECORDED JULY 30, 1974
6.	8802080135	SEWER SYSTEM EASEMENT, SHOWN HEREON
7.	8508060307	MEMORANDUM OF RIGHT OF ACCESS TO PROPERTY IMPOSED BY CONSENT DECREE
8.	201211290665	STREET OCCUPANCY PERMIT
9.	N/A	PROVISIONS AND CONDITIONS OF TITLE 53 RCW RELATING TO THE USE OF LAND WITHIN PORT DISTRICTS, CHAPTER 73 SESSION LAWS 1955, AS AMENDED, OR IF APPLICABLE, CHAPTER 45, SESSION LAWS 1939, AS AMENDED
10.	N/A	ANY PROHIBITION OR LIMITATION OF USE, OCCUPANCY OR IMPROVEMENT OF THE LAND RESULTING FROM THE RIGHTS OF THE PUBLIC OR RIPARIAN OWNERS TO USE ANY PORTION WHICH IS NOW OR WAS FORMERLY COVERED BY WATER
11.	9701270101	RIGHTS OF THE STATE OF WASHINGTON IN AND TO THAT PORTION, IF ANY, OF THE LAND WHICH LIES BELOW THE LINE OF ORDINARY HIGH WATER OF COMMENCEMENT BAY
12.	N/A	PARAMOUNT RIGHTS AND EASEMENTS IN FAVOR OF THE UNITED STATES FOR COMMERCE, NAVIGATION, FISHERIES AND THE PRODUCTION OF POWER

- * INDICATES TITLE EXCEPTION WHICH CANNOT BE SHOWN HEREON DUE TO INSUFFICIENT LEGAL DESCRIPTION OR LACK OF OBSERVABLE PHYSICAL EVIDENCE.
** INDICATES TITLE EXCEPTION THAT LIES OUTSIDE EXTENTS OF TOPOGRAPHIC MAPPING



LEGEND

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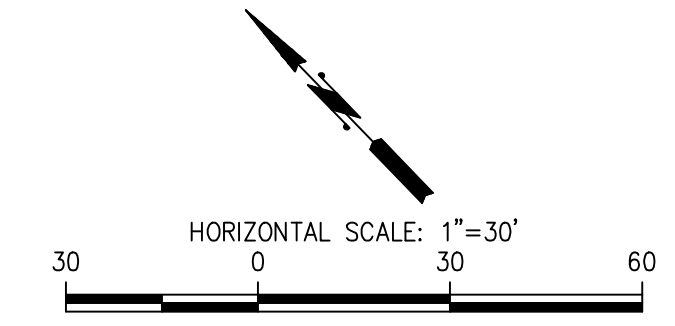
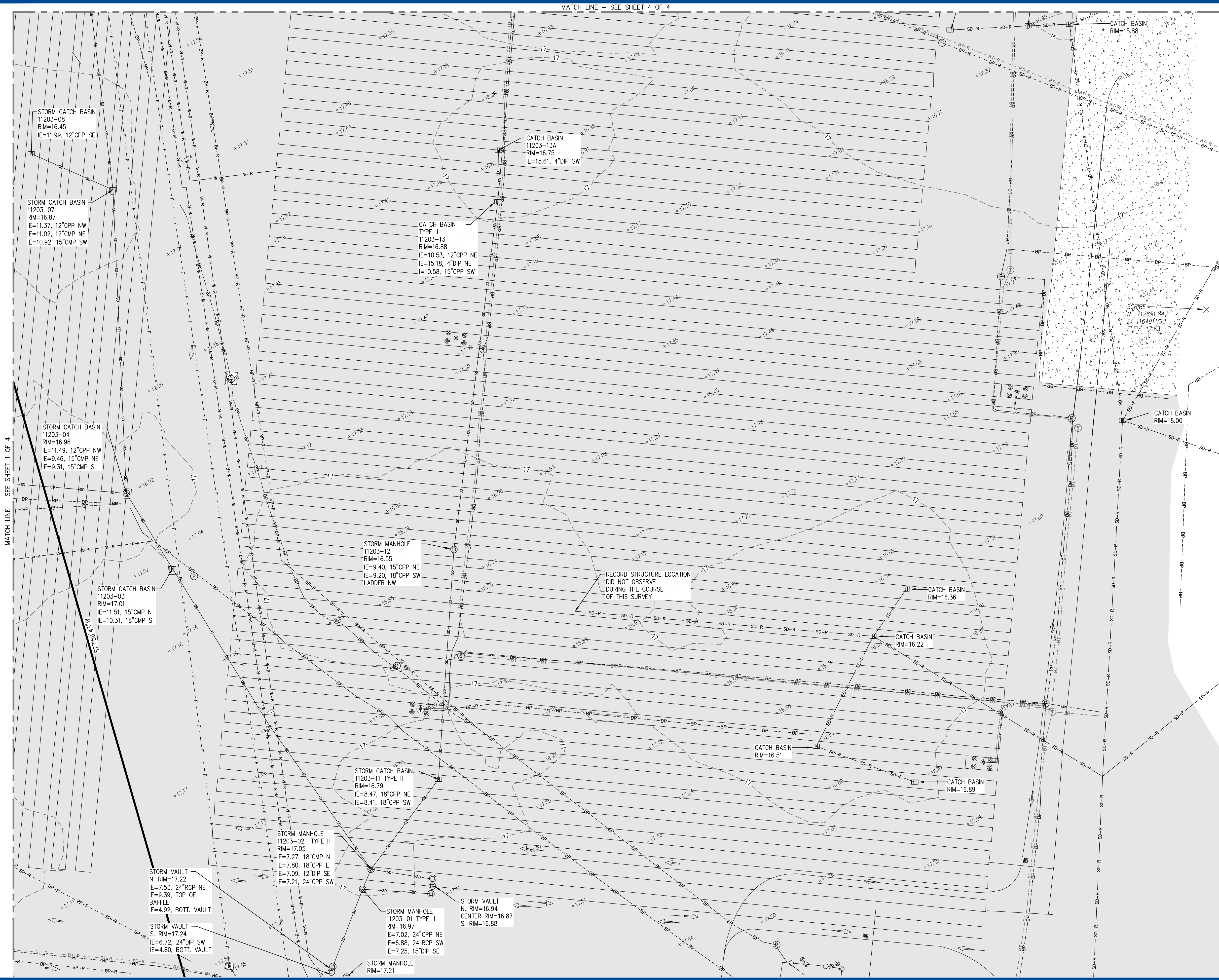


KEY MAP

SITTS & HILL
ENGINEERS, INC.
CIVIL • STRUCTURAL • SURVEYING
405 CENTER STREET
TACOMA, WA 98401
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FAX: (253) 408-1112

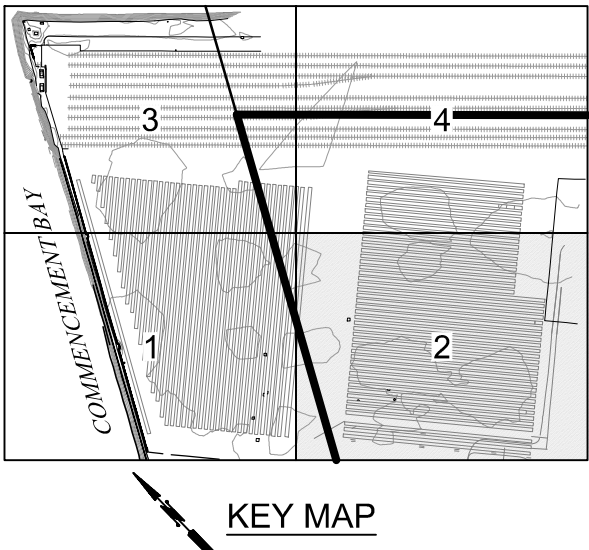
APPROVED:	D.M.S. 01/19/2018	CHECKED BY	DATE
V03.01 15 OF 22	EST STORMWATER IMPROVEMENTS & NIM STORMWATER TREATMENT EAST SITCUM TERMINAL TOPOGRAPHIC SURVEY SHEET 1 OF 4	DIRECTOR	ENG. DATE
		PRINTED BY:	scillingham Jun 27, 2018
		PORT ADDRESS:	ONE SITCUM PLAZA
		TACOMA, WA	98401-1837
CONT/CONS:	070819	TOWNSHIP:	21 NORTH
M. ID:	201054.01	RANGE:	3 EAST
PHASE:	BID	DAT-HRZ:	WA83-SF
		VERT:	MLLW 19.39' @ Tide 22 1933
		PARCEL:	N/A
		DRAWING SCALE:	

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LEGEND

- ⊗ FOUND MONUMENT AS NOTED
- ⊗ SET REBAR W/ CONTROL CAP
- ⊗ SURVEY CONTROL POINT
- ⊗ SANITARY SEWER MANHOLE
- ⊗ UTILITY CLEAN OUT
- ⊗ STORM MANHOLE
- ⊗ STORM CATCH BASIN
- ⊗ STORM BRIDGE DRAIN
- STORM CULVERT
- ⊗ WATER MANHOLE
- ⊗ WATER VALVE
- ⊗ WATER METER
- ⊗ FIRE HYDRANT
- ⊗ WATER VAULT
- ⊗ FIRE DEPARTMENT CONNECTION
- ⊗ POWER METER
- ⊗ POWER CABINET
- ⊗ JUNCTION BOX
- ⊗ POWER VAULT
- ⊗ POWER MANHOLE
- ⊗ LIGHT POLE
- ⊗ UTILITY VAULT
- ⊗ UTILITY MANHOLE
- ⊗ BOLLARD
- ⊗ PILE
- ⊗ SIGN
- ⊗ MONITORING WELL
- ⊗ TPN TAX PARCEL NUMBER
- ⊗ TELECOM VAULT
- ⊗ TELECOM MANHOLE
- ⊗ TELECOM CABINET
- ⊗ SCHED. B EXCEPTION NUMBER
- SD — STORM DRAIN LINE
- SD-R — RECORD STORM LINE
- SS — SS — SANITARY SEWER LINE
- SS-R — SS-R — RECORD SANITARY LINE
- W — W — W — BURIED WATER LINE
- W-R — W-R — RECORD WATER LINE
- BP — BP — BURIED POWER LINE
- BP-R — BP-R — RECORD BURIED POWER
- BT — BT — BURIED TELECOM LINE
- BT-R — BT-R — RECORD TELECOM LINE
- RAILROAD TRACKS
- CHAIN LINK FENCE
- ASPHALT SURFACE
- CONCRETE SURFACE
- RIP-RAP SURFACE
- GRAVEL SURFACE



Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (206)388-3441

SITTS & HILL
ENGINEERS, INC.
CIVIL • STRUCTURAL • SURVEYING
405 CENTER STREET TACOMA, WA 98401
PHONE: (206) 388-3441 FAX: (206) 388-3442

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D.M.S. 01/19/2018
CHECKED BY: DATE

**EST STORMWATER IMPROVEMENTS
& NIM STORMWATER TREATMENT
EAST SITCUM TERMINAL TOPOGRAPHIC SURVEY**
SHEET 2 OF 4

V03.02
16 OF 22

CONT/CONS: 070819
M. ID: 201054.01
PHASE: BID

SEAL OF THE PROFESSIONAL ENGINEER
STATE OF WASHINGTON
NO. 71285184
EX. 116491192
ELEV. 17.63

DIRECTOR ENG. DATE
PRINTED BY: schillingd Jun 27, 2018
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98401-1837

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