

APPENDIX 4

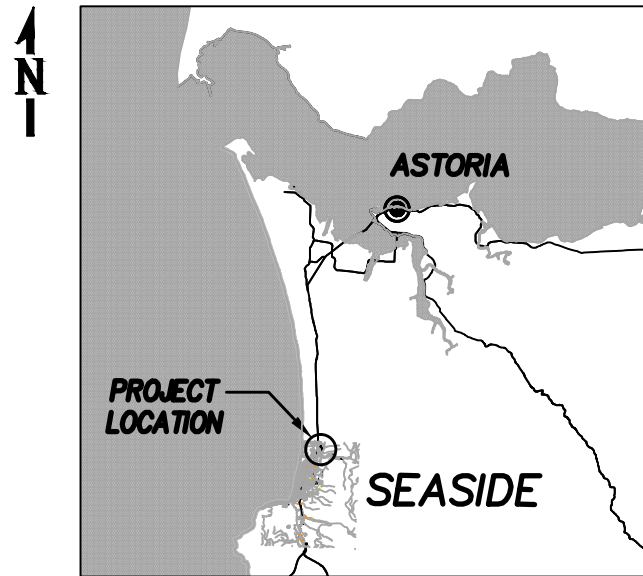
PRELIMINARY CONSTRUCTION PLANS

SEASIDE MUNICIPAL AIRPORT

2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS

A.I.P. NO. 3-41-0057-005

2015

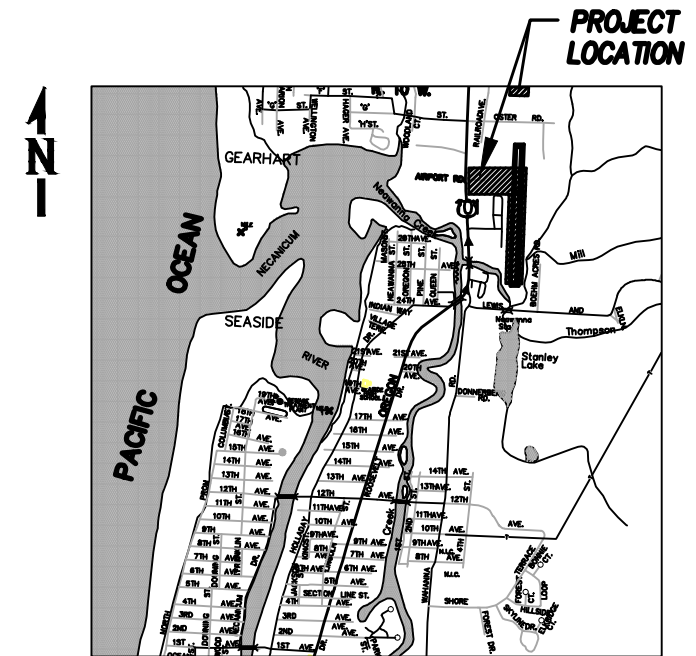


VICINITY MAP

ABBREVIATIONS

BVCE	BEGINNING VERTICAL CURVE ELEVATION	OFA	OBJECT FREE AREA
BVCS	BEGINNING VERTICAL CURVE STATION	OFZ	OBJECT FREE ZONE
BLK	BLACK	PAPI	PRECISION APPROACH PATH INDICATOR
CL / c	CENTERLINE	PSI	POUNDS PER SQUARE INCH
CU	CUBIC	PT	POINT OF TANGENCY
CY	CUBIC YARD	PVI	POINT OF VERTICAL INTERSECTION
DIA	DIAMETER	REL	RUNWAY END IDENTIFIER LIGHT
E	EASTING	RIM	RIM ELEVATION
EA	EACH	RSA	RUNWAY SAFETY AREA
EG	EXISTING GRADE	RT	RIGHT
EL/ELEV	ELEVATION	RPZ	RUNWAY PROTECTION ZONE
ESCP	EROSION AND SEDIMENT CONTROL PLAN	R/W	RUNWAY
EVCE	ENDING VERTICAL CURVE ELEVATION	ROW	RIGHT OF WAY
EVCS	ENDING VERTICAL CURVE STATION	SF	SQUARE FOOT
FG	FINISH GRADE	SQ	SQUARE
FOD	FOREIGN OBJECT DEBRIS	STA	STATION
FT	FOOT	SY	SQUARE YARD
H	HORIZONTAL	TSA	TAXIWAY SAFETY AREA
IE	INVERT ELEVATION	T/W	TAXIWAY
LBS	POUNDS	TYP	TYPICAL
LT	LEFT	USFS	UNITED STATES FOREST SERVICE
MAX	MAXIMUM	V	VERTICAL
ME	MATCH EXISTING	VASI	VISUAL APPROACH SLOPE INDICATORS
MFR	MANUFACTURER	VC	VERTICAL CURVE
MIN	MINIMUM	YDS	YARDS
N	NORTHING	YEL	YELLOW
N/A	NOT APPLICABLE	WHT	WHITE
NTS	NOT TO SCALE		

SHEET LIST TABLE	
Sheet Number	Sheet Title
C-1	COVER SHEET
C-2	SITE SAFETY AND PHASING PLAN
C-3	EROSION & SEDIMENT CONTROL PLAN (ESCP)
C-4	TAXIWAY DEMOLITION PLAN
C-5	TAXIWAY PAVING PLAN (NORTH RUN-UP)
C-6	TAXIWAY PAVING PLAN (MIDFIELD)
C-7	FENCING PLAN AND DETAILS
C-8	TREE REMOVAL PLAN
L-1	WATER QUALITY SWALE PLAN
L-2	SWALE PLANTING DETAILS
E-1	ELECTRICAL DEMOLITION PLAN
E-2	RUNWAY LIGHTING PLAN (1 OF 2)
E-3	RUNWAY LIGHTING PLAN (2 OF 2)
E-4	RETROREFLECTIVE PLAN (1 OF 2)
E-5	RETROREFLECTIVE PLAN (2 OF 2)
E-6	ELECTRICAL DETAILS
E-7	SIGNAGE DETAILS
E-8	ELECTRICAL BUILDING PLAN
E-9	ONE LINE DIAGRAM



LOCATION MAP

LEGEND

EXISTING	NEW	DESCRIPTION
--- 970 ---	--- 11 ---	MAJOR CONTOURS
--- 971 ---	--- 10.8 ---	MINOR CONTOURS
--- UGPx ---	--- UGP ---	UNDERGROUND POWER CONDUIT
[P]	[O]	JUNCTION CAN
[P]	[□]	HAND HOLE
[X]	[X]	EDGE LIGHTS
[○]	[○]	FENCE

PRELIMINARY



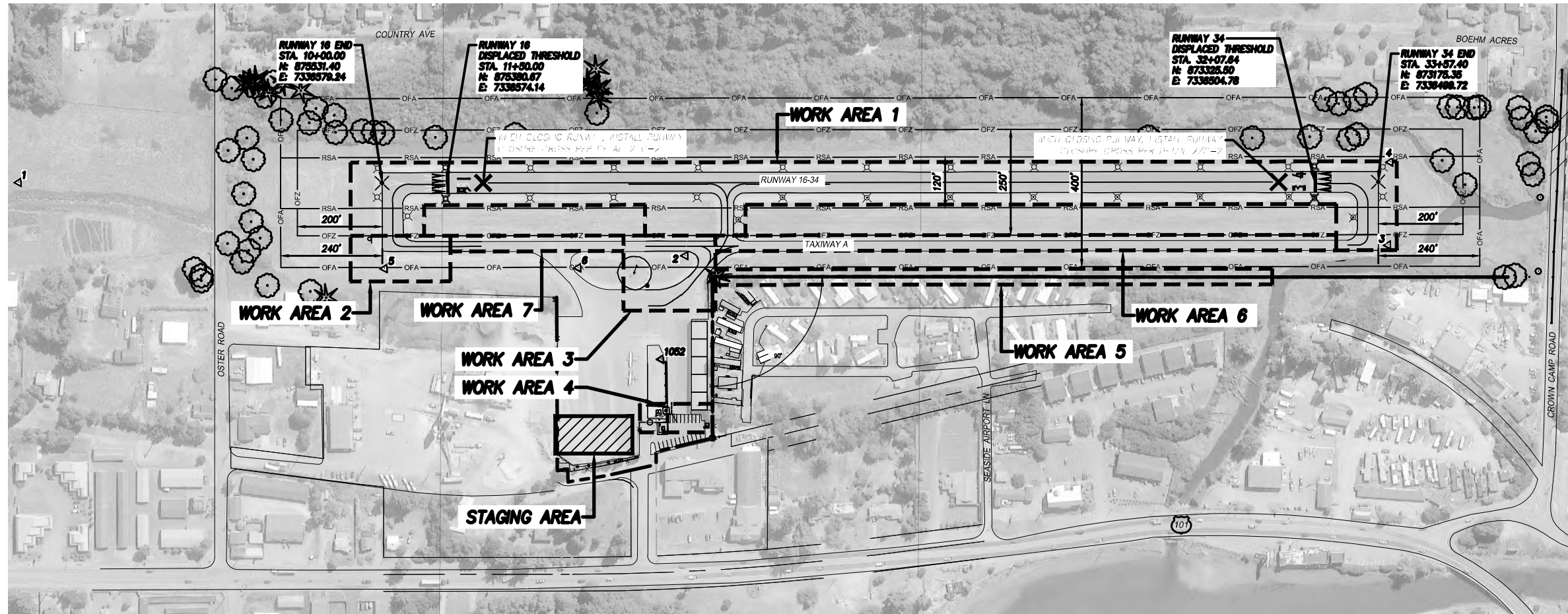
City of
SEASIDE, OREGON

SHEET INFO		REVISIONS			
DESIGNED	---	NO.	BY	DATE	REMARKS
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APPROVED	---				
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PLOT DATE	6/18/2015				
SUBMITTAL					



COVER SHEET		
SEASIDE MUNICIPAL AIRPORT 2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS		
PROJECT NUMBER 0005537W	DRAWING FILE NAME 0005537W-AIRP-CS01	SCALE N.T.S.

SHEET NUMBER
C-1
1 of 19



SITE SAFETY AND PHASING PLAN 1
SCALE: 1"=150'

NOTES

- THE CONTRACTOR SHALL REFER TO SECTION 01110, "GENERAL REQUIREMENTS" AND SECTION 01115, "CONSTRUCTION OPERATION PLAN" IN THE CONTRACT DOCUMENTS FOR SPECIFIC CONSTRUCTION AND SAFETY REQUIREMENTS.
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL BARRICADES, WARNING SIGNS, AND MARKINGS AROUND ANY AREAS WHICH MAY PRESENT A HAZARD TO AIRCRAFT. WHEN USED DURING PERIODS OF DARKNESS, SUCH BARRICADES, WARNING SIGNS, AND HAZARD MARKINGS SHALL BE SUITABLY ILLUMINATED. THE BARRICADES SHALL BE PLACED PRIOR TO COMMENCING WORK IN AN AREA IN WHICH THEY ARE REQUIRED AND THE CONTRACTOR SHALL MAINTAIN THE LIGHTS AND BARRICADES THROUGH THE COMPLETION OF WORK OR UNTIL THEIR DISMANTLING IS DIRECTED BY THE ENGINEER. SEE BARRICADE LOCATIONS SHOWN FOR EACH CONSTRUCTION PHASE.
- MOST OF THE AIRFIELD HAS BEEN DETERMINED TO BE A WETLAND. CONTRACTOR SHALL KEEP HEAVY EQUIPMENT AND VEHICLES ON PAVEMENT, TO THE EXTENT POSSIBLE. THE CONTRACTOR SHALL MINIMIZE USE OF THE AIRFIELD GRASS AREAS OUTSIDE OF WORK AREAS FOR PARKING, TURNAROUND OF EQUIPMENT, OR ANY OTHER PURPOSES WHATSOEVER EXCEPT AS CONSTRUCTION DICTATES IN STAGING AND STORAGE AREAS SHOWN. ANY RUTS OR DEPRESSIONS CAUSED BY THE CONTRACTOR SHALL BE SMOOTHED AND LEVELED IN A MANNER ACCEPTABLE TO THE ENGINEER. IN DEEP RUTS WHICH CANNOT BE LEVELED TO THE PREVIOUS GRADE, SAND SHALL BE ADDED TO REPAIR THE RUT. RESEEDING OF ALL DAMAGED AREAS WILL BE ACCOMPLISHED BY THE CONTRACTOR WHEN WEATHER PERMITS. ALL WORK REQUIRED UNDER THIS PROVISION SHALL BE AT THE CONTRACTOR'S EXPENSE.
- SMOOTH GRADE DISTURBED AREAS PRIOR TO SEEDING.
- HYDROSEED ALL DISTURBED AREAS AS SOON AS CONSTRUCTION ALLOWS.
- THE CONTRACTOR SHALL PROVIDE AND CONTINUOUSLY MONITOR A TWO-WAY RADIO WITH A RANGE CAPABLE OF MAINTAINING CONTACT WITH THE UNICOM AT ALL LOCATIONS ON THE AIRPORT GROUNDS WITHIN DESIGNATED MOVEMENT AREAS. THE CONTRACTOR'S OPERATIONS WILL BE SUSPENDED ANYTIME THE REQUIRED RADIOS ARE NOT AVAILABLE OR OPERATIONAL.
- SEASIDE MUNICIPAL AIRPORT UNICOM FREQUENCY IS 122.90 MHZ.
- VEHICULAR AND FOOT TRAFFIC CROSSING ACTIVE AIRCRAFT MOVEMENT AREAS SHALL STATE INTENTIONS FOR ALL GROUND MOVEMENTS VIA THE TWO-WAY RADIO. CLEARANCE SHALL BE CONFIRMED BY THE DRIVER'S PERSONAL OBSERVATION THAT NO AIRCRAFT IS APPROACHING HIS/HER POSITION.
- AN OBJECT FREE ZONE 125 FEET EITHER SIDE OF AN ACTIVE RUNWAY SHALL REMAIN CLEAR OF PERSONNEL AND EQUIPMENT AT ALL TIMES UNLESS RUNWAY IS CLOSED (SEE PHASING NOTES/CONSTRUCTION SEQUENCE).
- WHERE WORK AREA BOUNDARIES CROSS AIRFIELD PAVEMENT, CONTRACTOR SHALL PLACE BARRICADES (18" MAXIMUM HEIGHT) AT MAXIMUM 10' SPACING.
- WHEN CLOSING A TAXIWAY OR A PORTION OF TAXIWAY, CONTRACTOR SHALL PLACE BARRICADES ALONG ANY OPEN INTERSECTING TAXIWAY OBJECT FREE AREAS (TOFA) TO KEEP ACTIVE TOFAs CLEAR OF CONSTRUCTION ACTIVITY. TOFAs FOR TAXIWAYS AT SEASIDE MUNICIPAL AIRPORT ARE 89 FEET WIDE.
- UNLESS SPECIFICALLY REQUESTED AND APPROVED, ALL VEHICLES, EQUIPMENT AND STOCKPILED MATERIALS SHALL BE KEPT IN THE STAGING AREA WHEN NOT IN USE.

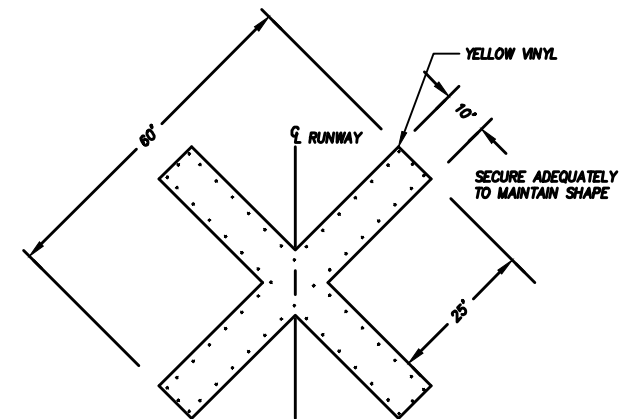
WORK AREA NOTES

- ALL SIGNS AND OTHER ITEMS WITH LONG LEAD TIMES MUST BE DELIVERED TO CONTRACTOR BEFORE A NOTICE TO PROCEED WILL BE ISSUED.
- WORK AREA 1: RUNWAY LIGHTING AND SIGNAGE. ANY WORK INSIDE THE RUNWAY OFZ REQUIRES A RUNWAY CLOSURE. IF BID ALTERNATE IS AWARDED, TAXIWAY EDGE REFLECTORS IN THIS AREA TO BE INSTALLED DURING RUNWAY CLOSURE.
- WORK AREA 2: NORTH TAXIWAY PAVING. ANY WORK IN THIS AREA REQUIRES A PARTIAL TAXIWAY CLOSURE AND CAN BE DONE WITHOUT A RUNWAY CLOSURE.
- WORK AREA 3: MIDDLE TAXIWAY PAVING. ANY WORK IN THIS AREA REQUIRES A PARTIAL TAXIWAY CLOSURE AND CAN BE DONE WITHOUT A RUNWAY CLOSURE.
- WORK AREA 4: NEW ELECTRICAL BUILDING. NO CLOSURES REQUIRED.
- WORK AREA 5: FENCING AREA ALONG WEST PROPERTY LINE. CLOSE PARALLEL TAXIWAY SOUTH OF THE MIDDLE CONNECTOR TAXIWAY WHEN WORKING IN WORK AREA 5.
- WORK AREAS 6 AND 7: TAXIWAY EDGE REFLECTORS (BID ALTERNATE). IN THIS AREA PARTIAL CLOSURE OF TAXIWAYS OUTSIDE OF THE RUNWAY OFZ IS REQUIRED TO INSTALL REFLECTORS.

PHASING NOTES / CONSTRUCTION SEQUENCE

- CONTRACTOR MAY PHASE WORK AS DESIRED, BUT SHALL PHASE WORK TO ALLOW FOR MAXIMUM ACCESS TO AIRPORT USERS.
- ALL WORK INSIDE RUNWAY OFZ AND ALL OBSTRUCTION REMOVAL WORK REQUIRES A RUNWAY CLOSURE. THE RUNWAY SHALL BE CLOSED FOR A MAXIMUM OF 28 CALENDAR DAYS.
- TOTAL CONTRACT TIME IS 60 CALENDAR DAYS AND OF THOSE, ONLY 28 DAYS IS ALLOWED FOR RUNWAY CLOSURE. LIQUIDATED DAMAGES WILL BE ASSESSED PER SECTION 80 OF THE GENERAL PROVISIONS.

CONTROL POINT TABLE				
POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
1	11.88	878390.83	7336810.70	WHP CONTROL
2	10.60	874820.08	7336382.22	WHP CONTROL
3	9.49	873157.26	7336349.48	WHP CONTROL
4	9.63	873145.27	7336545.59	WHP CONTROL
5	11.68	875532.65	7336376.75	WHP CONTROL
6	10.82	875074.46	7336362.44	WHP CONTROL
1052	12.53	874886.17	7336139.65	MONUMENT



UNLIGHTED X
CLOSED RUNWAY MARKER DETAIL 2
SCALE: N.T.S.



A NOTICE: OTHER LAWS REQUIRING YOU TO CALL BEFORE YOU DIG TO IDENTIFY ALL UTILITIES AND TO OBTAIN COPIES OF THE RULES OF THE CENTER. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NO) BY THE TELEPHONE NUMBER FOR THE CENTER. (NO) BY THE TELEPHONE NUMBER FOR THE CENTER. (NO) BY THE TELEPHONE NUMBER FOR THE CENTER.

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REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY
DATE: 6/18/2015
DRAWN BY: W

REVISIONS	NO.	BY	DATE	REMARKS

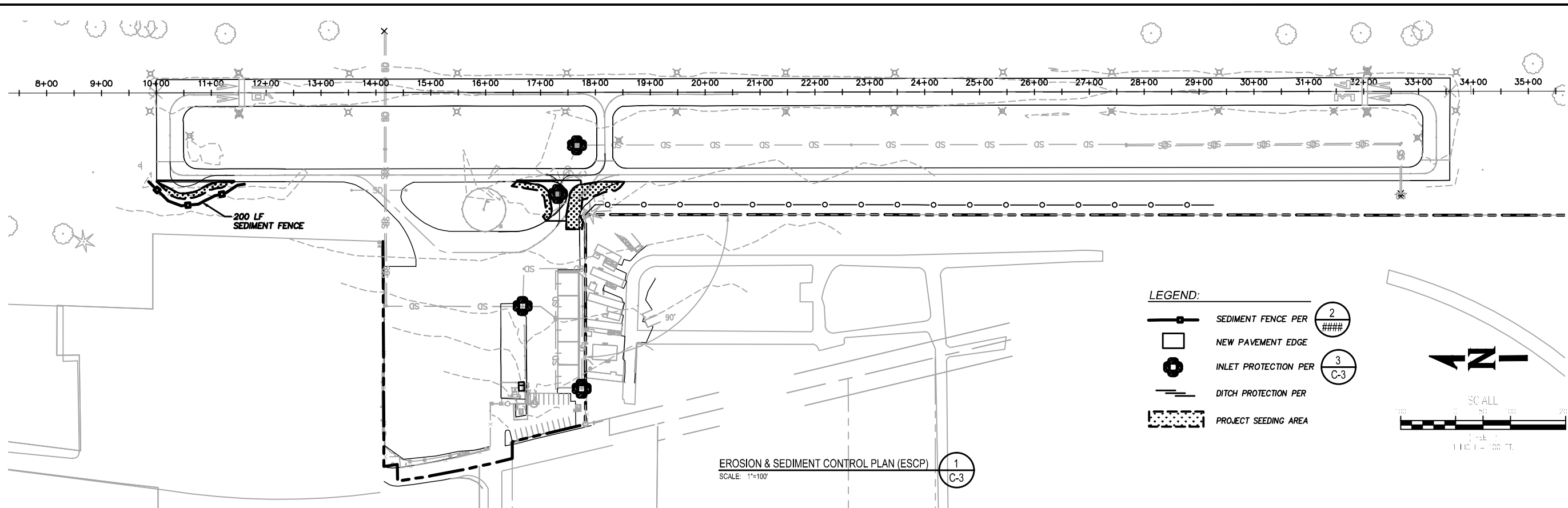
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SITE SAFETY AND PHASING PLAN
SEASIDE MUNICIPAL AIRPORT
2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS
PROJECT NUMBER: 0005537W-AIRP-SF01
DRAWING FILE NAME: 0005537W-AIRP-SF01
SCALE: 1"=150'

SHEET NUMBER
C-2
2 of 19

PRELIMINARY

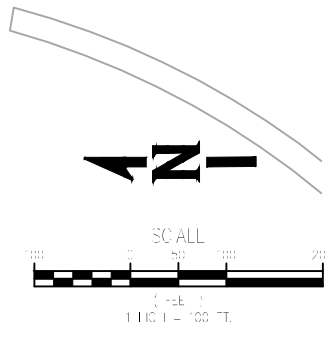
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 PLOT: P:\City of Seaside\0005537W\Design\Drawings\Civil\0005537W-AIRP-EC01.dwg | LAYOUT: C-3 EROSION & SEDIMENT CONTROL PLAN (ESCP)



EROSION & SEDIMENT CONTROL PLAN (ESCP) 1
SCALE: 1"=100'

LEGEND:

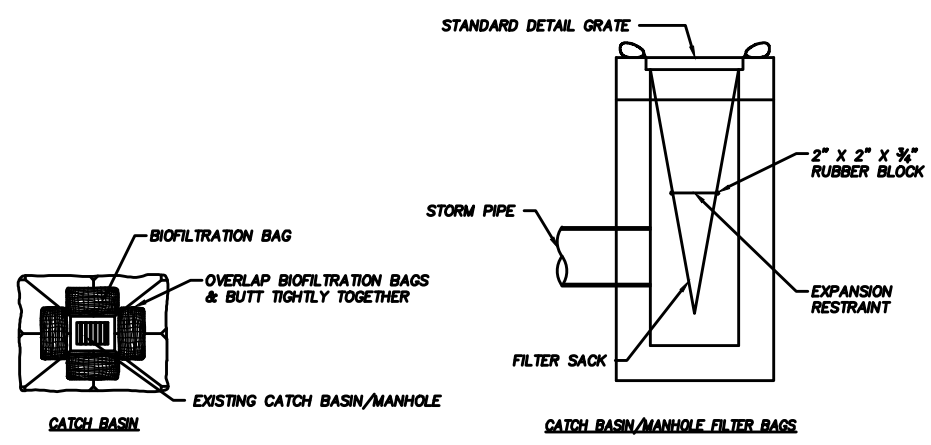
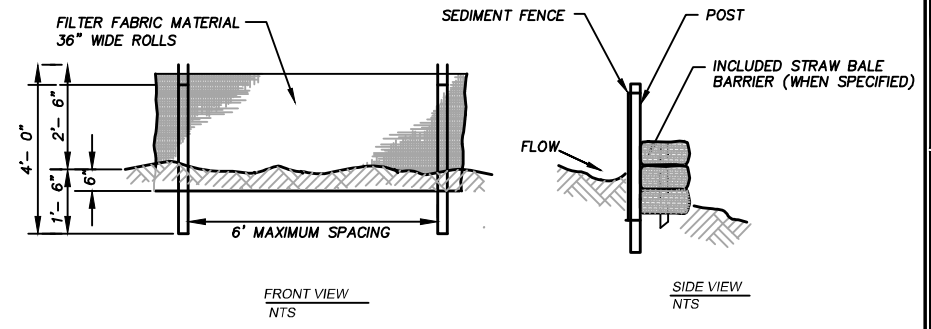
- SEDIMENT FENCE PER
- NEW PAVEMENT EDGE
- INLET PROTECTION PER
- DITCH PROTECTION PER
- PROJECT SEEDING AREA



EROSION & SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS.
2. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.
3. THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, UPGRADE THESE MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS.
4. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS.
5. PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION.
6. PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND RE-SEED DISTURBED AREAS WHEN PRACTICABLE AFTER CONSTRUCTION IS COMPLETE.
7. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS.
8. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS.
9. CONTRACTOR SHALL ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS.
10. CONTRACTOR SHALL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS.
11. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE.
12. USE BMPs TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS, VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS.
13. WATER OR USE A SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL.
14. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE.
15. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE.
16. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND DURING WET WEATHER.
17. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL.
18. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT, AND BEFORE BMP REMOVAL.
19. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIMEFRAME.
20. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS.
21. THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE.

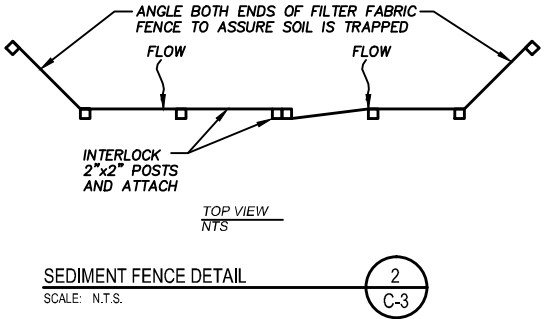
22. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE.
23. THE DESIGNATED EROSION AND SEDIMENT CONTROL INSPECTOR, COUNTY REPRESENTATIVE, OR QUALIFIED CONTRACTOR PERSONNEL MUST PERFORM DAILY INSPECTIONS OF THE BMPs AND DISCHARGE OUTFALLS WHEN RAINFALL AND RUNOFF OCCUR.
24. ALL ESCP CONTROLS AND PRACTICES MUST BE INSPECTED VISUALLY ONCE TO ENSURE THAT BMPs ARE IN WORKING ORDER PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY AND MUST BE INSPECTED VISUALLY ONCE EVERY TWO (2) WEEKS DURING INACTIVE PERIODS GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS.
25. IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION DURING PERIODS IN WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER.
26. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED (SEE SPECIFICATION T-901 FOR SEED MIX).
27. PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL EXPOSED AREAS. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AS EXPOSED AREAS BECOME STABILIZED, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMPs.



NOTES:

1. INSTALL GEOTEXTILE FABRIC UNDER LID OF MANHOLES OR CATCH BASINS.
2. PLACE BIO-FILTER BAGS AROUND DESIGNATED MANHOLES AND CATCH BASINS IN A SIMILAR MANNER.

INLET PROTECTION DETAIL 3
SCALE: N.T.S.



SEDIMENT FENCE DETAIL 2
SCALE: N.T.S.



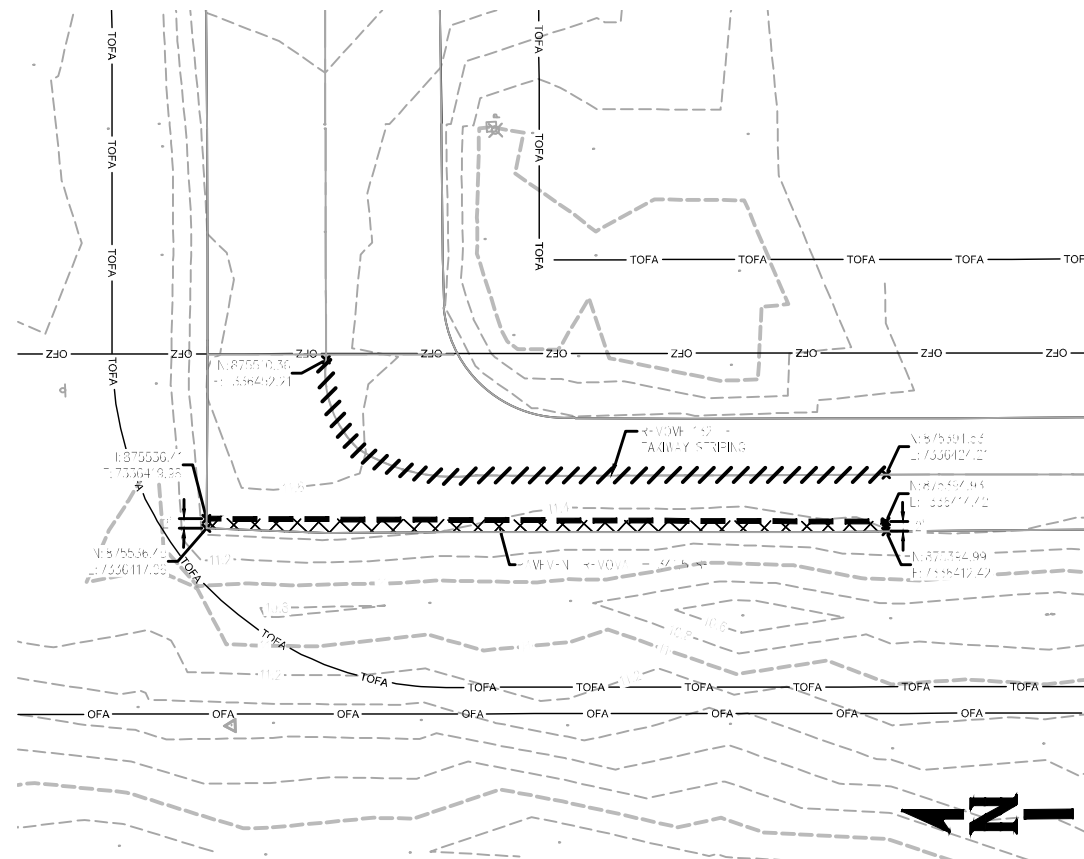
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EROSION & SEDIMENT CONTROL PLAN (ESCP)
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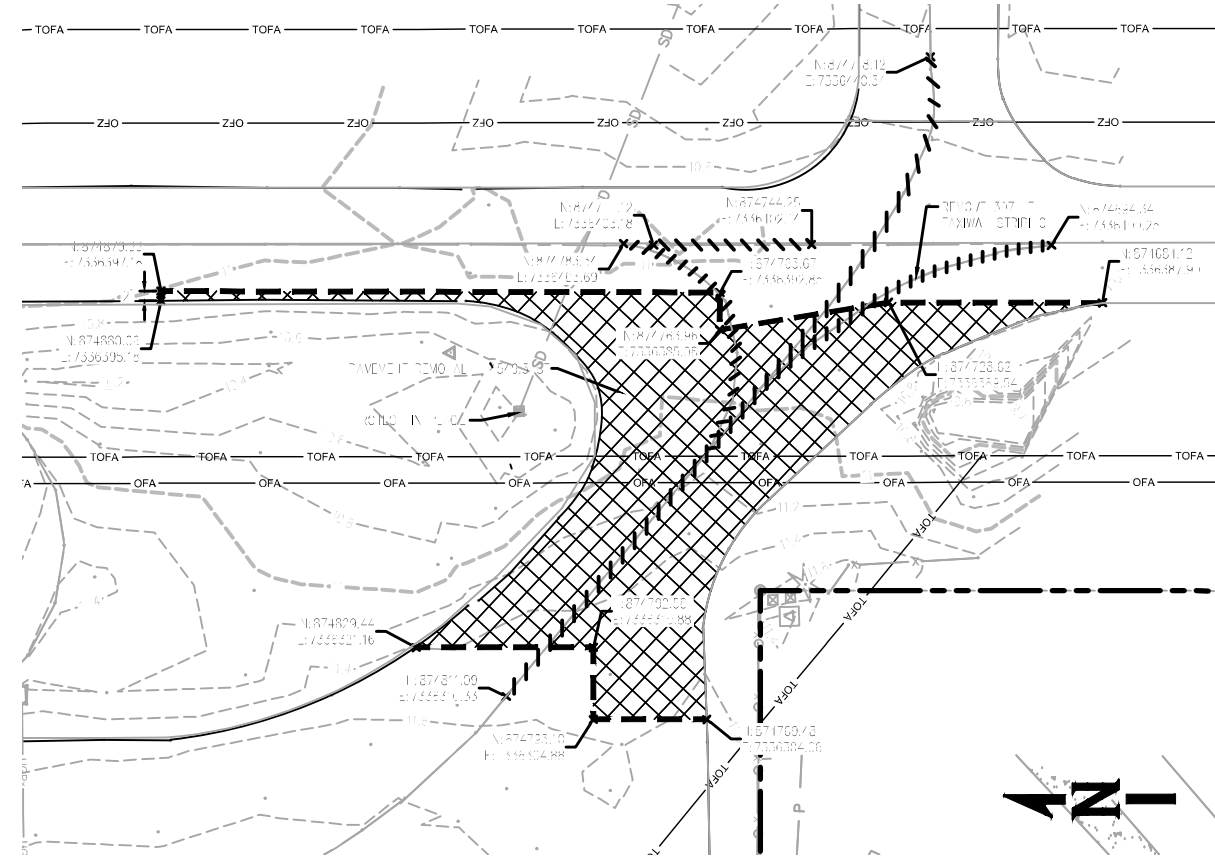
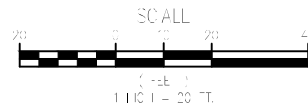
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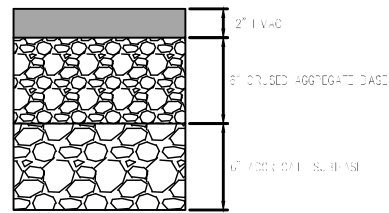
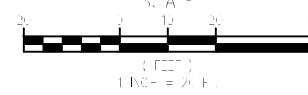
DEMOPLAN (NORTH RUNUP)
SCALE: 1"=20'

1
C-5



DEMOPLAN (MIDFIELD)
SCALE: 1"=20'

2
C-5



EXISTING PAVEMENT SECTION (FIELD VERIFY)
SCALE: N.T.S.

3
C-5

LEGEND:

- SAW CUT LINE
- - - - - EXISTING GRADE MAJOR CONTOUR
- - - - - EXISTING GRADE MINOR CONTOUR (0.2')
- — — — — EXISTING TAXIWAY CENTERLINE
- — — — — EXISTING EDGE OF PAVEMENT
- XXXXXX PAVEMENT REMOVAL
- /////// STRIPE REMOVAL

GENERAL NOTES:

1. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND UTILITIES TO REMAIN. ANY DAMAGE SHALL BE REPAIRED TO THE OWNERS SATISFACTION AT THE CONTRACTOR'S EXPENSE.
2. EXISTING UTILITIES AND STRUCTURES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND TAKE NECESSARY PRECAUTIONS PRIOR TO STARTING WORK.
3. HISTORICAL RECORDS SHOW EXISTING PAVEMENT IS 2" OF AC ON 6" OF BASE MATERIAL.



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REVISIONS	NO.	BY	DATE	REMARKS

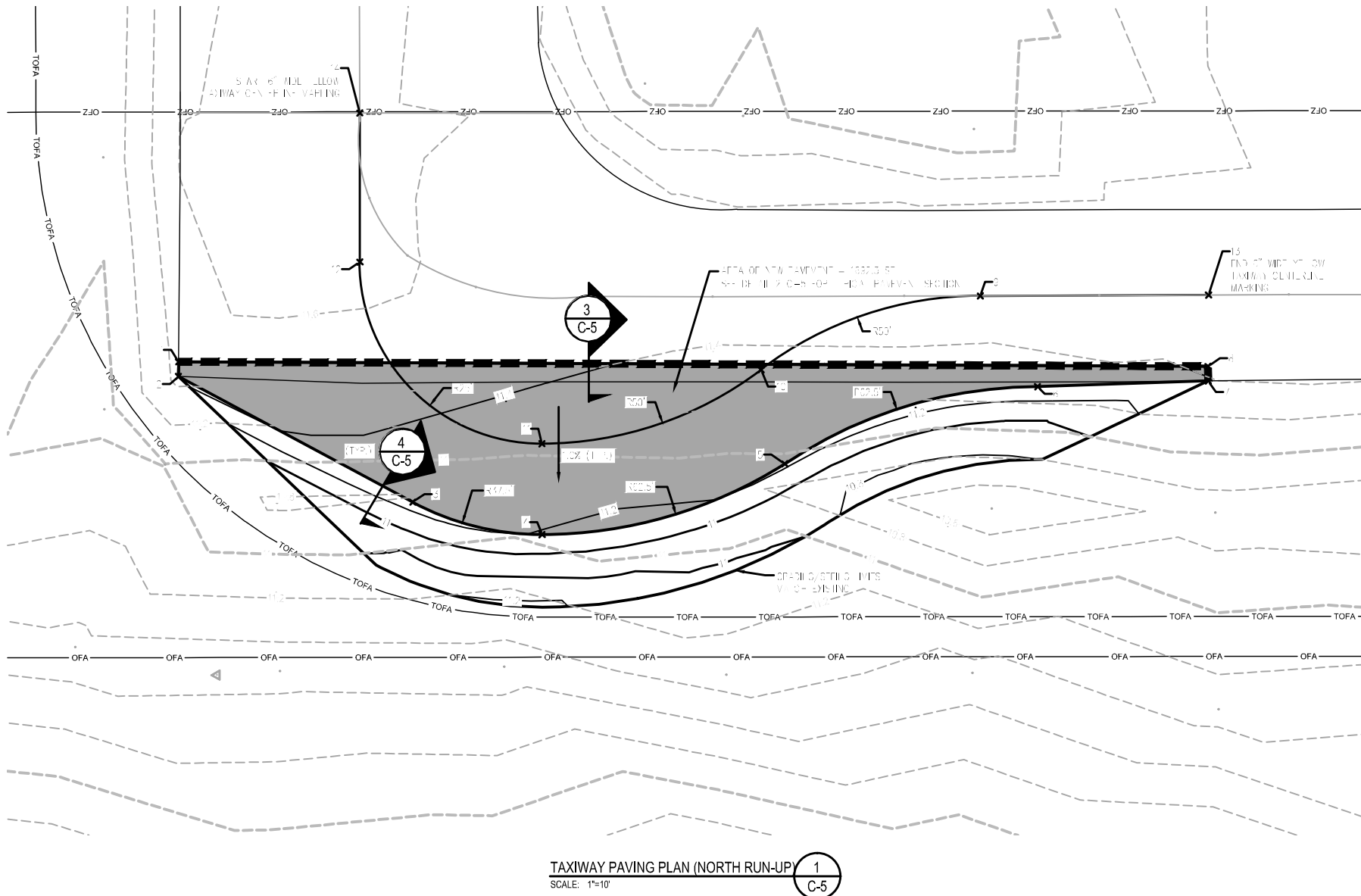
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TAXIWAY DEMOLITION PLAN
 SEASIDE MUNICIPAL AIRPORT
 2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS
 PROJECT NUMBER: 0005537W
 DRAWING FILE NAME: 0005537W-AIRP-DM01
 SCALE: 1"=20'

PRELIMINARY

SHEET NUMBER
C-4
4 of 19

[DATE: 6/18/2015 1:43 PM] [AUTHOR: rebert1] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\City of Seaside\0005537W\Drawings\Civil\0005537W-AIRP-PA01.dwg] [LAYOUT: C-4 PAVING PLAN]



TAXIWAY PAVING PLAN (NORTH RUN-UP) 1
SCALE: 1"=10'

Point #	Elevation	Northing	Easting
1	11.74	872259.11	733072.08
2	11.73	872260.10	733077.08
3	11.74	872264.91	733084.00
4	11.74	872267.29	733094.00
5	11.71	872275.55	733093.00
6	11.63	872281.74	733102.75
7	11.62	872284.09	733107.42
8	11.47	872294.03	733104.42
9	11.37	872294.91	733107.94
10	11.27	872296.39	733108.09
11	11.22	872298.87	733096.20
12	11.03	872301.01	733092.03
13	11.00	872304.02	733094.01
14	11.00	872311.52	733096.01

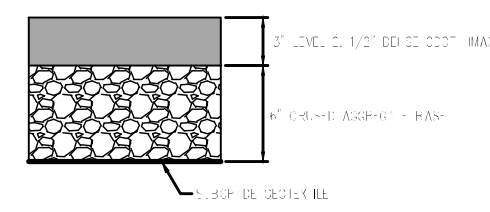


GENERAL NOTES:

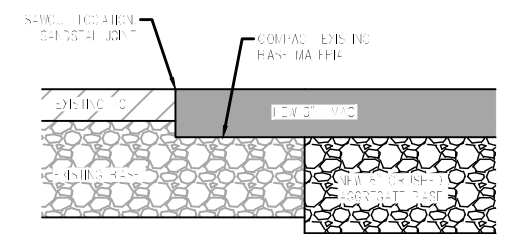
- IN CASE OF ANY CONFLICT WITH ELECTRICAL CONDUITS, CONTRACTOR SHALL ADJUST CONDUITS AS NECESSARY TO ACCOMMODATE EDGE DRAINS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS.

LEGEND:

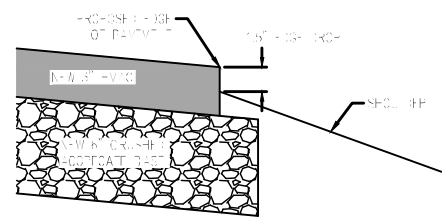
- SAW CUT LINE
- DIRECTION OF FLOW
- - - - EXISTING GRADE MAJOR CONTOUR
- - - - EXISTING GRADE MINOR CONTOUR (0.2')
- — — FINISH GRADE MAJOR CONTOUR
- — — FINISH GRADE MINOR CONTOUR (0.2')
- LIMITS OF NEW PAVEMENT
- EXISTING TAXIWAY CENTERLINE
- PROPOSED TAXIWAY CENTERLINE
- PROPOSED NEW AC PAVEMENT PER 2 C-5



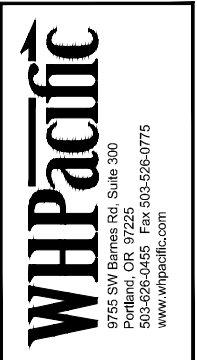
TYPICAL NEW PAVEMENT SECTION 2
SCALE: N.T.S. C-5



PAVING BUTT JOINT 3
SCALE: N.T.S. C-5



PAVING EDGE DETAIL 4
SCALE: N.T.S. C-5



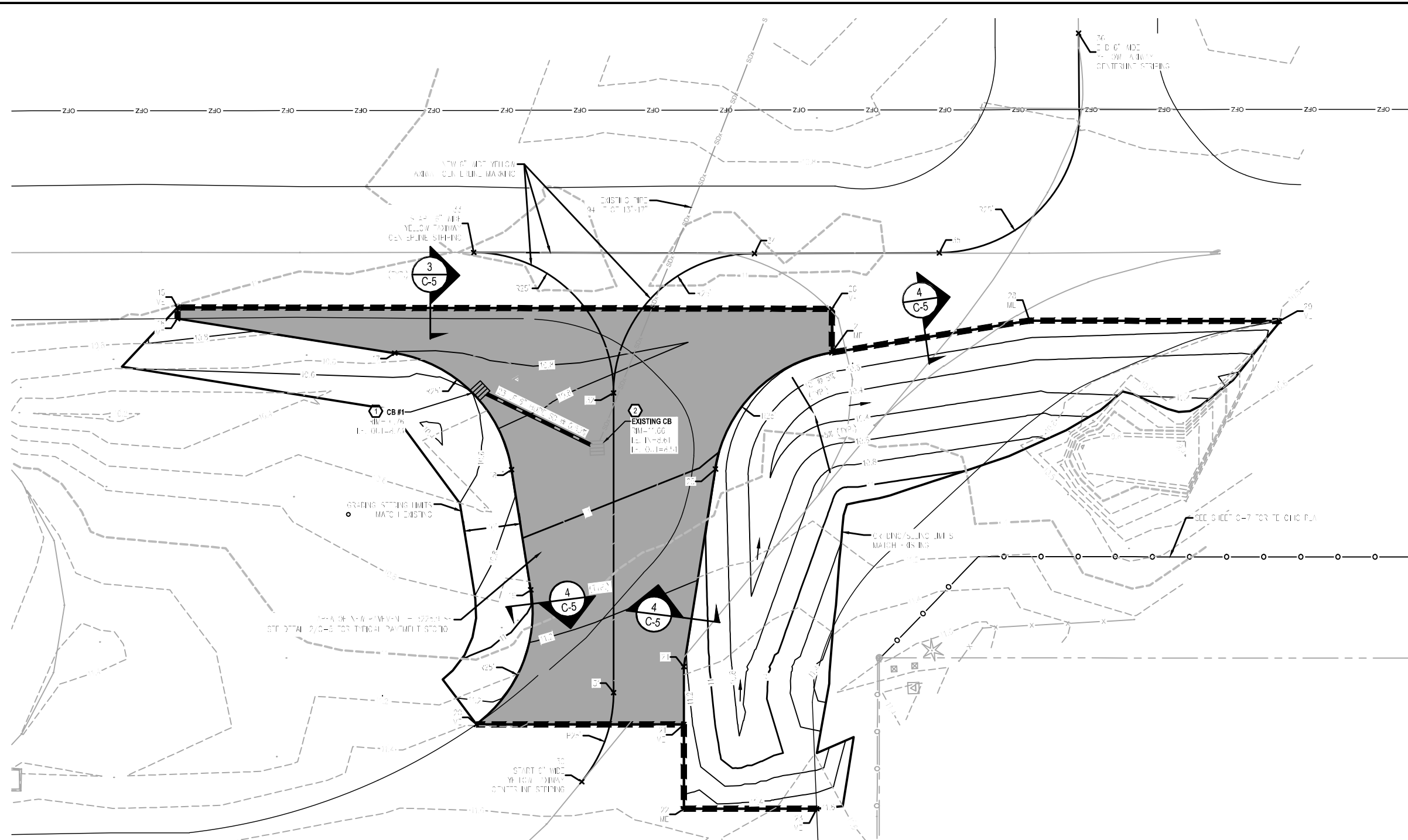
NO.	BY	DATE	REMARKS

SHEET INFO	DESIGNED	DRAWN	CHECKED	APPROVED	LAST EDIT	PLOT DATE	SUBMITTAL
					6/11/2015	6/18/2015	

TAXIWAY PAVING PLAN (NORTH RUN-UP)
SEASIDE MUNICIPAL AIRPORT
2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS
PROJECT NUMBER 0005537W
DRAWING FILE NAME 0005537W-AIRP-PA01
SCALE 1"=10'

PRELIMINARY

[DATE: 6/18/2015 1:43 PM] [AUTHOR: rebert] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [STYLE: WHP-Standard.ctb] [LAYOUT: C-5 PAVING PLAN]
 [PATH: P:\City of Seaside\0005537W\Design\Drawings\Civil\0005537W-AIRP-PA01.dwg]



TAXIWAY PAVING PLAN (MIDFIELD) 1
 SCALE: 1"=10' C-6

Point #	Elevation	Northing	Easting
15	10.99	877879.22	7330307.78
16	11.97	874880.05	7330795.78
17	11.50	874647.85	7330587.89
18	10.55	874627.62	7330552.27
19	11.73	871615.27	7330377.75
20	11.41	874674.44	7330527.15
21	11.72	877732.25	7330619.88
22	11.57	877703.70	7330307.55
23	11.66	874708.57	7330742.76
24	11.55	877782.77	7330550.73
25	11.67	874785.35	7330367.09
26	11.85	874763.67	7330492.55

Point #	Elevation	Northing	Easting
27	10.99	877724.96	7330385.08
28	11.87	874728.67	7330380.54
29	11.04	874684.77	7330557.68
30	11.22	877877.05	7330370.31
31	11.77	877807.58	7330795.97
32	10.84	874635.71	7330574.25
33	11.00	877823.95	7330105.9
34	11.6	877777.70	7330763.16
35	11.1	874744.95	7330407.4
36	11.05	877778.17	7330770.74

KEYNOTES:

- 1 INSTALL NEW CATCH BASIN. STRUCTURE, FRAME AND GRATE SHALL BE RATED FOR HS-20 LOADING.
- 2 ADJUST EXISTING CATCH BASIN USING PRECAST RISERS OR ENGINEERED CAST IN PLACE ADJUSTMENT TO MAINTAIN HS-20 LOADING CAPACITY.

GENERAL NOTES:

- 1. IN CASE OF ANY CONFLICT WITH ELECTRICAL CONDUITS, CONTRACTOR SHALL ADJUST CONDUITS AS NECESSARY TO ACCOMMODATE EDGE DRAINS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS.

LEGEND:

- SAW CUT LINE
- DIRECTION OF FLOW
- - - - - EXISTING GRADE MAJOR CONTOUR
- - - - - EXISTING GRADE MINOR CONTOUR (0.2')
- — — — — FINISH GRADE MAJOR CONTOUR
- — — — — FINISH GRADE MINOR CONTOUR (0.2')
- — — — — LIMITS OF NEW PAVEMENT
- — — — — EXISTING TAXIWAY CENTERLINE
- — — — — PROPOSED TAXIWAY CENTERLINE
- PROPOSED NEW AC PAVEMENT PER C-5



WHPacific
 6755 SW Barnes Rd, Suite 300
 Portland, OR 97225
 503-526-0446 Fax: 503-526-0775
 www.whpacific.com

REGISTERED PROFESSIONAL ENGINEER
 PRELIMINARY
 DEPT. OF TRANSPORTATION
 DIVISION OF AVIATION
 2/17/2015

REVISIONS	NO.	BY	DATE	REMARKS

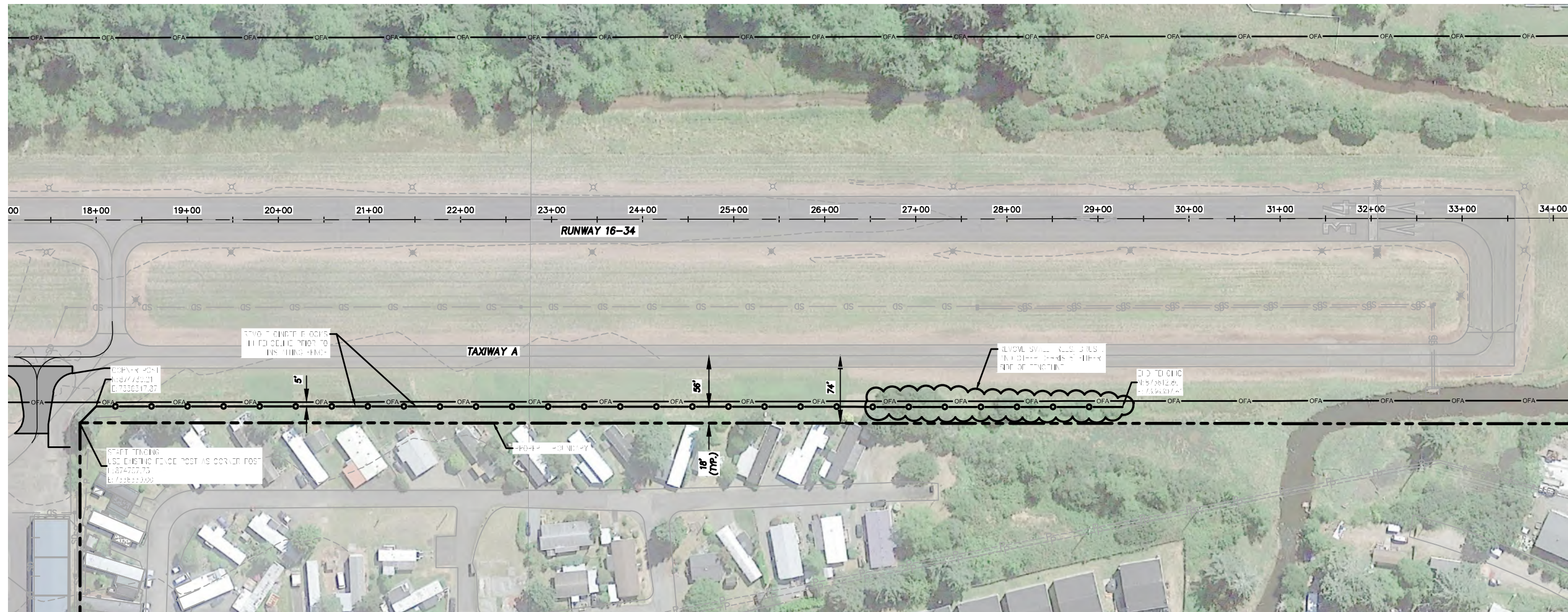
SHEET INFO	DESIGNED	DRAWN	CHECKED	APPROVED	LAST EDIT	PLOT DATE	SUBMITTAL
					6/11/2015	6/18/2015	

TAXIWAY PAVING PLAN (MIDFIELD)
 SEASIDE MUNICIPAL AIRPORT
 2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS
 PROJECT NUMBER 0005537W
 DRAWING FILE NAME 0005537W-AIRP-PA01
 SCALE 1"=10'

SHEET NUMBER
C-6
 6 of 19

PRELIMINARY

[DATE: 6/18/2015 1:43 PM] [AUTHOR: telbert] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [LAYOUT: C-5 FENCING PLAN AND DETAILS]
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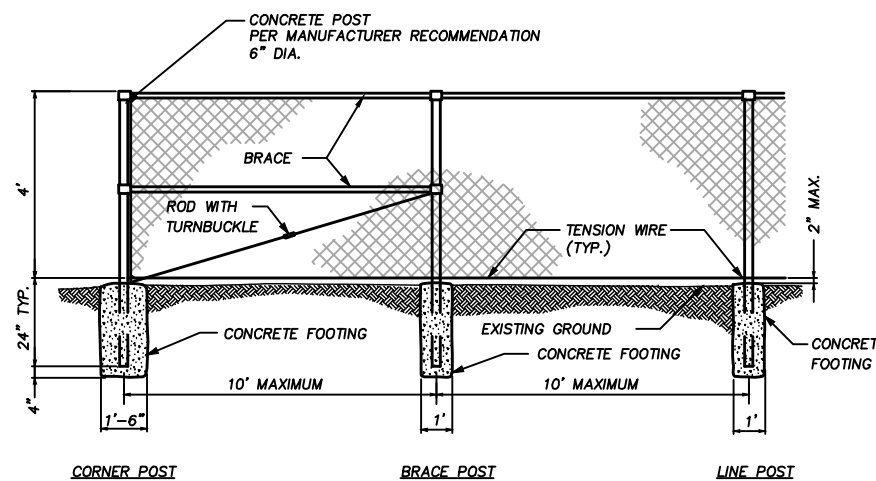
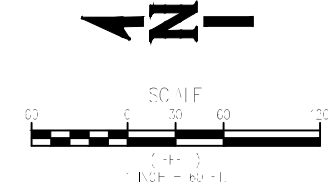
GENERAL NOTES:

- CONTRACTOR SHALL CONTACT THE COUNTY AND A LOCATION SERVICE TO LOCATE ANY UTILITIES WITHIN THE PROJECT AREA.
- CONTRACTOR SHALL KEEP ALL HAULING AND LARGE EQUIPMENT ON PAVEMENT. THE PROPOSED FENCE LINE IS IN A DESIGNATED WETLAND AND CONTRACTOR SHALL NOT CHANGE THE GRADE OF WETLAND AREA EXCEPT FOR THE FENCE POSTS. NO VEHICLE RUTTING OR REGRADING OF FENCE LINE WILL BE ALLOWED.

LEGEND:

- EXISTING FENCE
- PROPOSED PERIMETER FENCE AND GATE
- PROPOSED OVERHEAD POWER
- EXISTING OVERHEAD POWER
- PROPOSED UNDERGROUND POWER
- OBJECT FREE AREA
- PROPERTY BOUNDARY

FENCING PLAN AND DETAILS
 SCALE: 1"=60'



NOTE: ALL POSTS, WIRE, FABRIC, AND HARDWARE SHALL BE BLACK VINYL COATED PER F-162.

CHAIN LINK FENCE
 SCALE: N.T.S.



WHPacific
 6755 SW Barnes Rd., Suite 300
 Portland, OR 97225
 503-526-0646 Fax: 503-526-0775
 www.whpacific.com

NO.	BY	DATE	REMARKS

SHEET INFO	DESIGNED	DRAWN	CHECKED	APPROVED	LAST EDIT	PLOT DATE	SUBMITTAL
					6/8/2015	6/18/2015	

FENCING PLAN AND DETAILS
 SEASIDE MUNICIPAL AIRPORT
 2015 RUNWAY LIGHTING AND OTHER IMPROVEMENTS
 PROJECT NUMBER 0005537W
 DRAWING FILE NAME 0005537W-AIRP-FN01
 SCALE AS SHOWN

SHEET NUMBER
C-7
 7 of 19

PRELIMINARY

